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REFERENCE ONLY NOT FOR ISSUE

Report - 10

Geographical Importance
Of
Bangladesh



This Program is Prepared

By

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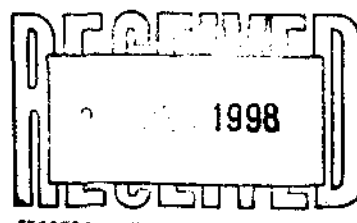
Under The Guidance

Of

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ACKNOWLEDGEMENT

When I started to prepare this report, I was in quite a perplex what to do or how to start. Moreover, I was in difficulty in selecting the topic, what it should be. With the passage of time, I found this work easy, exiting and curiosity growing. The person who behind the enthusiasm was no one but our honorable teacher Dr. A.H.M. Asaduzzaman Head Department of Computer Science, East West University. It was quite impossible for me to prepare this report without his close monitoring and supervision. I indebted to him and express my gratitude for his guidance, instructions and persuasion.

In preparing this report, I took the help of our friends and fellows in different aspect. I would like to thank them all. Finally I am thankful and grateful to our department for providing me with such as opportunity to come closer to the real situation.

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Accessed &
Weeded

Gifted to East West University

by CSC, Dept EWU

```
Program Project;  
uses Crt,Dos,Graph;
```

```
const Name : array [ 1..6] of String = ('Dhaka' , 'Chittagong' , 'Sylhet',  
                                         'Rajshahi' , 'Khulna' , 'Barishal');
```

```
x1 = 40;  
y1 = 300;  
x2 = 620;  
y2 = 450;
```

```
Type
```

```
    CityRec = Record  
        r1,r2,c1,c2 : Integer;  
    End;
```

```
var
```

```
    CityInfo : array [1..6] of CityRec;
```

```
***** PROCEDURE *****
```

```
Procedure Dhaka;
```

```
Begin
```

```
    SetTextStyle(0,0,1);  
    SetColor(10);  
    OutTextXY(55,330,'Dhaka is the capital and divitional city of Bangladesh. This city is ');  
    OutTextXY(55,345,'rich in art,literature & culture. It is bordered by Meghalaya of ');  
    OutTextXY(55,360,'India to the north, Barishal in the south,Sylhet & Chittagong in the ');  
    OutTextXY(55,375,'east & Khulna & Rajsahi in the west. Its land area is about 31,178 ');  
    OutTextXY(55,390,'square kilometers and population is about 3,35,93,000.It consists of');  
    OutTextXY(55,405,'17 districts.');
```

```
End;
```

```
Procedure Chittagong;
```

```
Begin
```

```
    SetTextStyle(0,0,1);  
    SetColor(10);  
    OutTextXY(55,330,'The natural beauty of Chittagong division beggers description.');
```

OutTextXY(55,345,'Chittagong division plays a great role in the sphere culture & ');
OutTextXY(55,360,'literature.Armed revolution started for liberation from Chittagong.');

OutTextXY(55,375,'It is bordered by Asam,Meghalaya & Tripura of India in the north,');

OutTextXY(55,390,'Bay of Bengal in the south,Mijoram of India & Mayanmar in the east,');

OutTextXY(55,405,'Dhaka & Barishal in the west.Its land area is about 32,675 square ');

```
OutTextXY(55,420,'kilometer & population is about 2,16,37,845.It consists of 11 ');  
OutTextXY(55,435,'districts.');
```

End;

Procedure Sylhet;

Begin

```
SetTextStyle(0,0,1);  
OutTextXY(55,330,'With the greenery & high mountains Sylhet has become more  
spontaneous,');  
OutTextXY(55,345,'vibrant & beautiful.Sylhet is bordered by Asam of India in the north  
&');  
OutTextXY(55,360,'east,Chittagong & Dhaka in the south,Dhaka in the west.Its land area ');  
OutTextXY(55,375,'is about 12,717 square kilometer & Population is about 70,72,000.');
```

End;

Procedure Khulna;

Begin

```
SetTextStyle(0,0,1);  
OutTextXY(55,330,'Khulna division is to the southern costal part of Bangladesh.It is ');  
OutTextXY(55,345,'bordered by Rajshahi & Dhaka division in the north,Bay of Bengal in ');  
OutTextXY(55,360,'the south,Dhaka & Barishal in the east,West Bengal of India in the ');  
OutTextXY(55,375,'west.Its land area & population is respectively is about 22,445 & ');  
OutTextXY(55,390,'1,31,33,000.Khulna division consists of 10 districts');
```

End;

Procedure Rajshahi;

Begin

```
SetTextStyle(0,0,1);  
SetColor(10);  
OutTextXY(55,330,'Rajshahi is the oldest division of the northern part of Bangladesh');  
OutTextXY(55,345,'Rajshahi is bordered by West Bengal & Kuchbihar of India,Dhaka & ');  
OutTextXY(55,360,'Khulnain the south,Dhaka & Meghalaya in the east,West Bangal in  
the');  
OutTextXY(55,375,'east.Its land area & population is respectively about 34,791 & ');  
OutTextXY(55,390,'square kilometers and population is about 3,35,93,000 & 2,66,68,000.');
```

End;

Procedure Barishal;

Begin

SetTextStyle(0,0,1);

SetColor(10);

OutTextXY(55,330,'Barishal is the most active to implement the movement " EDUCATION
FOR');

OutTextXY(55,345,'ALL BY 2000".Barishal is bordered by dhaka in the north,Bay of
Bengal');

OutTextXY(55,360,'in the south,Chittagong division in the east,khulna in the west.Its ');

OutTextXY(55,375,'land area is about 13,297 square kilometers & its population is about');

OutTextXY(55,390,'76,72,000.Barishal division consists of 6 districts.');

End;

Procedure Init;

var

c,r,i : Integer;

Begin

c := 150;

r := 50;

SetTextStyle(0,0,1);

SetColor(14);

SetTextJustify(CenterText,CenterText);

For i := 1 to 6 do

Begin

Rectangle(c,r,c+115,r+105);

OutTextXY(c+58,r+53,Name[i]);

CityInfo[i].c1 := c;

CityInfo[i].r1 := r;

CityInfo[i].c2 := c+115;

CityInfo[i].r2 := r+105;

c:=c+115;

If (i = 3)

Then

Begin

c := 150;

r := 155;

End;

End;

End;

Procedure FindCity(r,c : Integer ; var ci : Integer);

var

i : Integer;

Begin

ci := 0;

For i := 1 to 6 do

If (c > CityInfo[i].c1) and (c < CityInfo[i].c2)
and

(r > CityInfo[i].r1) and (r < CityInfo[i].r2)

Then

ci := i;

End;

Procedure PrintDescription(ci : Integer);

var

i : Integer;

Begin

SetTextJustify(Lefttext,TopText);

setfillstyle(0,0);

Bar(45,330,619,449);

SetColor(14);

SetTextStyle(0,0,1);

Rectangle(x1,y1,x2,y2);

SetTextStyle(0,0,1);

SetColor(10);

OutTextXY(47,310,'DESCRIPTION :');

For i := 1 to 6 do

case ci of

1 : Dhaka;

2 : Chittagong;

3 : Sylhet;

4 : Rajshahi;

5 : Khulna;

6 : Barishat;

End;

End;

Procedure CityColor(ci : Integer);

Begin

SetColor(10);

SetTextJustify(CenterText,CenterText);

OutTextXY(CityInfo[ci].c1+58,CityInfo[ci].r1+53,Name[ci]);

End;

```
Procedure CityDisColor( ci :Integer);
```

```
Begin
```

```
SetColor(14);
```

```
SetTextJustify(CenterText,CenterText);
```

```
OutTextXy(CityInfo[ci].c1+58,CityInfo[ci].r1+53,Name[ci]);
```

```
End;
```

```
Procedure Animation;
```

```
var
```

```
Gd,Gm,ErrCode,Y :Integer;
```

```
Begin
```

```
Gd := Detect;
```

```
InitGraph(Gd,Gm,'C:\Tp\Bgi');
```

```
Errcode :=GraphResult;
```

```
If( Errcode = grok )
```

```
Then
```

```
Begin
```

```
Normvideo;
```

```
Repeat
```

```
For y := 1 to 600 do
```

```
Begin
```

```
SetBkColor(Black);
```

```
SetColor(11);
```

```
SetTextStyle(4,0,1);
```

```
OutTextXY(30,y+10,'Geographical Importance of Bangladesh ');
```

```
SetTextStyle(0,0,1);
```

```
OutTextXY(40,y+35,'-----');;
```

```
OutTextXY(150,y+100,'Welcome To The Geographocal World Of Bangladesh.');
```

```
OutTextXY(155,y+140,'This Program will Help You To Learn Something');
```

```
OutTextXY(200,y+170,'About The 6 Division of Bangladesh.');
```

```
OutTextXY(235,y+200,'Hope You Will Enjoy It. ');
```

```
delay(30);
```

```
ClearDevice;
```

```
End;
```

```
For y := 1 to 600 do
```

```
Begin
```

```
SetBkColor(Black);
```

```
SetColor(11);
```

```
SetTextStyle(0,0,1);
```

```
OutTextXY(180,y+100,' This Program is Prepared ');
```

```
OutTextXY(180,y+120,' By ');
```

```
OutTextXY(180,y+140,' Md.Mansur - UL - Amin Sabbir ');
```

```
OutTextXY(180,y+160,' ID.No : 1998 - 01 - 20 -007 ');
```

```
OutTextXY(180,y+200,' Under The Guidance');
```

```
OutTextXY(180,y+220,' of ');
```

```
OutTextXY(180,y+260,' Dr. A.H.M. Asaduzzamzn');
```

```
OutTextXY(180,y+280,'Department Head of Computer Science ');
```

```
OutTextXY(180,y+300,' East West University');
```

```
Delay(30);
```



```

ClearDevice;
End;
For y := 1 to 600 do
Begin
SetBkColor(Black);
SetColor(11);
SetTextStyle(0,0,1);
OutTextXY(130,y+10,'HOW TO USE : ');
SetTextStyle(0,0,1);
OutTextXY(100,y+50,' * BY CLICKING ON THE DIVISIONAL AREA A USER WILL
FIND');
OutTextXY(130,y+80,'THE INFORMATION ABOUT THAT DIVISION. ');
Delay(30);
ClearDevice;
End;
until keypressed;
Readln;

```

End;

End;

***** MAIN *****

var

```

Gd,Gm,CityIndex,i : Integer;
Regs : Registers;

```

Begin

```

Gd := Detect;
InitGraph(Gd,Gm,'F:\Langua~1\Bp\Bgi');
Animation;
SetColor(10);
Rectangle(5,30,630,0);
SetTextStyle( 4,0,1 );
SetColor(10);
OutTextXY(0,0,' Geographical Importance of Bangladesh. ');
Init;
SetColor(10);
Rectangle(40,300,620,450);
regs.ax:=0;
with regs do
Begin
intr($33, regs);
regs.ax:=1;
intr($33, regs);
Repeat
regs.ax:=3;
intr($33, regs);

```

```
If (bx = 1)
  Then
    Begin
      FindCity( dx,cx,CityIndex);
      If( CityIndex < i )
        Then
          CityDisColor(i);
      If( CityIndex > 0 )
        Then
          CityColor(CityIndex);
          PrintDescription(CityIndex);
          i:=CityIndex;
        End;
      End;
    until keypressed;
  End;
Repeat until keypressed;
End.
```

COMMENTS

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