University of Barisal

Department of Computer Science & Engineering.

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Course Title : Programming fundamental Lab.

Course Code : CSE-1104.

Project title： Public University of Bangladesh.

SUBMITTED BY :

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Source code :

```c
#include<stdio.h>
void main()
{
int value,n,a,b,d,e,f,g;
char c;
system("color 0A");
FILE*f1,*f2,*f3,*f4;
printf("\n\n\t\tDeveloper: Md.Foysal Mahmud.\n\t\tRoll No:
14CSE028.\n\t\tDepartment of CSE.\n\t\tUniversity Of Barisal. \n");
menu:
printf("\n===================================================================================");
printf("\n ****** WELCOME TO  PUBLIC UNIVERSITIES OF
BANGLADESH ******\n");
printf("\n===================================================================================\n");
printf("\n Enter 1 for all Engineering Universities. \n");
printf("\n Enter 2 for all Science & technology Universities. \n");
printf("\n Enter 3 for all General Universities. \n");
printf("\n Enter 4 for all Agriculture Universities. \n ");
printf("\n --------------------------------------------------------------------
\n");
scanf("%d",&value);
switch(value)
{
case 1:
   while(a!=-1)
   {

printf("\n Enter 1 to know about Bangladesh University of Engineering
& Technology. \n");
```

```c
printf("\n Enter 2 to know about Khulna University of Engineering &
Technology. \n");
printf("\n Enter 3 to know about Chittagong University of Engineering &
Technology. \n");
printf("\n Enter 4 to know about Rajshahi University of Engineering &
Technology. \n");
printf("\n Enter 5 to know about Bangladesh University of Textiles. \n");
scanf("%d",&n);
switch(n)
{
case 1:
printf("\n Bangladesh University of Engineering and Technology :
\n\n");
f1=fopen("BUET.txt","r");
while((c=getc(f1)) !=EOF)
printf("%c",c);
fclose(f1);
break;
case 2:
  printf("\n Khulna University of Engineering and Technology : \n\n");
f1=fopen("KUET.txt","r");
while((c=getc(f1)) !=EOF)
printf("%c",c);
fclose(f1);
break;
case 3:
  printf("\n Chittagong University of Engineering & Technology :
\n\n");
f1=fopen("CUET.txt","r");
while((c=getc(f1)) !=EOF)
printf("%c",c);
fclose(f1);
break;
case 4:
  printf("\n Rajshahi University of Engineering & Technology :  \n\n");
```

```c
f1=fopen("RUET.txt","r");
while((c=getc(f1)) !=EOF)
printf("%c",c);
fclose(f1);
break;
case 5:
  printf("\n  Bangladesh University of Textiles :  \n\n");
f1=fopen("BUTEX.txt","r");
while((c=getc(f1)) !=EOF)
printf("%c",c);
fclose(f1);
}
scanf("%d",&a);
if(a!=0)
goto menu;
}
break;
case 2:
    while(b!=-1)
    {
printf("\n Enter 1 to know Shahjalal University of Science and
Technology. \n\n ");
printf("\n Enter 2 to know Patuakhali Science and Technology
University. \n\n ");
printf("\n Enter 3 to know Hajee Mohammad Danesh Science and
Technology University. \n\n ");
printf("\n Enter 4 to know Mawlana Bhashani Science and Technology
University. \n\n ");
printf("\n Enter 5 to know  Noakhali Science and Technology University.
\n\n ");
printf("\n Enter 6 to know  Jessore University of Science and
Technology. \n\n\n ");
printf("\n Enter 7 to know  Pabna University of Science & Technology.
\n\n ");
```

```c
printf("\n Enter 8 to know  Bangabandhu Sheikh Mujibur Rahman
Science and Technology University. \n\n ");
scanf("%d",&n);
    if(n==1)
     {
    printf("\n Shahjalal University of Science and Technology :\n\n");
    f2=fopen("SUST.txt","r");
    while((c=getc(f2)) !=EOF)
    printf("%c",c);
    fclose(f2);
     }
     else if(n==2)
     {
    printf("\n Patuakhali Science and Technology University :\n\n");
    f2=fopen("PSTU.txt","r");
    while((c=getc(f2)) !=EOF)
    printf("%c",c);
    fclose(f2);
     }
     else if(n==3)
     {
    printf("\n Hajee Mohammad Danesh Science and Technology
University :\n\n");
    f2=fopen("HSTU.txt","r");
    while((c=getc(f2)) !=EOF)
    printf("%c",c);
    fclose(f2);
     }
     else if(n==4)
     {
    printf("\n Mawlana Bhashani Science and Technology University
:\n\n");
    f2=fopen("MBSTU.txt","r");
    while((c=getc(f2)) !=EOF)
    printf("%c",c);
```

```c
        fclose(f2);
         }
         else if(n==5)
         {
        printf("\n Noakhali Science and Technology University :\n\n");
        f2=fopen("NSTU.txt","r");
        while((c=getc(f2)) !=EOF)
        printf("%c",c);
        fclose(f2);
         }
         else if(n==6)
         {
        printf("\n Jessore University of Science and Technology :\n\n");
        f2=fopen("JSTU.txt","r");
        while((c=getc(f2)) !=EOF)
        printf("%c",c);
        fclose(f2);
         }
         else if(n==7)
         {
        printf("\n Pabna University of Science & Technology :\n\n");
        f2=fopen("PUST.txt","r");
        while((c=getc(f2)) !=EOF)
        printf("%c",c);
        fclose(f2);
         }
         else if(n==8)
         {
        printf("\n Bangabandhu Sheikh Mujibur Rahman Science and
Technology University : \n\n");
        f2=fopen("BSMRSTU.txt","r");
        while((c=getc(f2)) !=EOF)
        printf("%c",c);
        fclose(f2);
         }
```

```c
    printf("\n\nEnter any number to find the previous menu\n\n");
    scanf("%d",&b);
    if(b!=0)
    goto menu;
    }
    break;
case 3:
    while(g!=-1)
    {
printf("\n Enter 1 to know about University of Dhaka.\n");
printf("\n Enter 2 to know about  University of Chittagong.\n");
printf("\n Enter 3 to know about  University of Rajshahi.\n");
printf("\n Enter 4 to know about Jahangirnagar University.\n");
printf("\n Enter 5 to know about Khulna University.\n");
printf("\n Enter 6 to know about  Jagannath University.\n");
printf("\n Enter 7 to know about  Jatiya Kabi Kazi Nazrul Islam
University.\n");
printf("\n Enter 8 to know about  Comilla University.\n");
printf("\n Enter 9 to know about  Begum Rokeya University.\n");
printf("\n Enter 10 to know about University of Barisal.\n");
printf("\n Enter 11 to know about Islamic University.\n");
    scanf("%d",&n);
    switch(n)
{
    case 1:
    printf("\n Dhaka University :\n\n");
    f3=fopen("DU.txt","r");
    while((c=getc(f3)) !=EOF)
    printf("%c",c);
    fclose(f3);
    break;
    case 2:
      printf("\n Chittagong University :\n\n");
    f3=fopen("CU.txt","r");
    while((c=getc(f3)) !=EOF)
```

```c
printf("%c",c);
fclose(f3);
break;
case 3:
    printf("\n Rajshahi University :\n\n");
f3=fopen("RU.txt","r");
while((c=getc(f3)) !=EOF)
printf("%c",c);
fclose(f3);
break;
case 4:
    printf("\n Jahangirnagar University: \n\n");
f3=fopen("JU.txt","r");
while((c=getc(f3)) !=EOF)
printf("%c",c);
fclose(f3);
break;
case 5:
    printf("\n Khulna University\n\n");
f3=fopen("KU.txt","r");
while((c=getc(f3)) !=EOF)
printf("%c",c);
fclose(f3);
break;
case 6:
    printf("\n Jagannath University :\n\n");
f3=fopen("JNU.txt","r");
while((c=getc(f3)) !=EOF)
printf("%c",c);
fclose(f3);
break;
case 7:
    printf("\n Jatiya Kabi Kazi Nazrul Islam University: \n\n");
f3=fopen("JKKNIU.txt","r");
while((c=getc(f3)) !=EOF)
```

```c
        printf("%c",c);
        fclose(f3);
        break;
        case 8:
            printf("\n  Details about Comilla University: \n\n");
        f3=fopen("COU.txt","r");
        while((c=getc(f3)) !=EOF)
        printf("%c",c);
        fclose(f3);
        break;
        case 9:
            printf("\n Begum Rokeya University: \n\n");
        f3=fopen("BRU.txt","r");
        while((c=getc(f3)) !=EOF)
        printf("%c",c);
        fclose(f3);
        break;
        case 10:
            printf("\n Barisal University\n\n");
        f3=fopen("BU.txt","r");
        while((c=getc(f3)) !=EOF)
        printf("%c",c);
        fclose(f3);
        break;
        case 11:
            printf("\n Islamic University\n\n");
        f3=fopen("IU.txt","r");
        while((c=getc(f3)) !=EOF)
        printf("%c",c);
        fclose(f3);
        break;
    }
scanf("%d",&g);
if(g!=0)
goto menu;
```

```c
        }
break;
case 4:
    while(d!=-1)
    {
    printf("\n Enter 1 to know  Bangladesh Agricultural University. \n");
    printf("\n Enter 2 to know  Bangabandhu Sheikh Mujibur Rahman
Agricultural University. \n");
    printf("\n Enter 3 to know  Sher-e-Bangla Agricultural University.
\n");
    printf("\n Enter 4 to know  Sylhet Agricultural University. \n");
    scanf("%d",&n);
    if(n==1)
    {
    printf("\n Bangladesh Agricultural University :\n\n");
    f4=fopen("BAU.txt","r");
    while((c=getc(f4)) !=EOF)
    printf("%c",c);
    fclose(f4);
    }
    else if(n==2)
    {
printf("\n Bangabandhu Sheikh Mujibur Rahman Agricultural University :
\n\n");
f4=fopen("BSMRAU.txt","r");
while((c=getc(f4)) !=EOF)
printf("%c",c);
fclose(f4);
}
else if(n==3)
{
printf("\n Sher-e-Bangla Agricultural University :\n\n");
f4=fopen("SAU.txt","r");
while((c=getc(f4)) !=EOF)
printf("%c",c);
```

```
fclose(f4);
}
else if(n==4)
    {
printf("\n Sylhet Agricultural University :\n\n");
f4=fopen("SYAU.txt","r");
while((c=getc(f4)) !=EOF)
printf("%c",c);
fclose(f4);
    }
    scanf("%d",&d);
    if(d!=0)
goto menu;
}
    break;


}
}
```

==
==

Algorithm:

Step 1: Program start.

Step 2: enter a number for value.

Step 3: if value==0, goto stop.

Step 4: if value=1,go to step 9.

Step 5: if value=2, goto step 22.

Step 6: if value =3, goto step 40.

Step 7: if value =3, goto step 62.

Step 8: if value =others number, goto stop.

Step 9: enter the value of n

Step 10: if n=1, goto step 16.

Step 11: if n=2, goto step 17.

Step 12: if n=3, goto step 18.

Step 13: if n=4, goto step 19.

Step 14: if n=5, goto step   20.

Step 15: if n=other number, goto step 21.

Step 16: read date from a file and print it and goto step 2.

Step 17: read date from a file and print it and goto step 2.

Step 18: read date from a file and print it and goto step 2.

Step 19: read date from a file and print it and goto step 2.

Step 20: read date from a file and print it and goto step 2.

Step 21: enter wrong number go to step 2.

Step 22: enter a number of n

Step 23: if n=1, goto step 32.

 Step 24: if n=2, goto step 33.

Step 25: if n=3, goto step 34.

Step 26: if n=4, goto step 35.

Step 27: if n=5, goto step 36.

Step 28: if n=6, goto step 37.

Step 29: if n=7, goto step 38.

Step 30: if n=8, goto step 39.

Step 31: if n=0, goto stop

Step 32: read data from a file and print it and goto step 2.

Step 33: read data from a file and print it and goto step 2.

Step 34: : read date from a file and print it and goto step 2.

Step 35: read data from a file and print it and goto step 2.

Step 36: read data from a file and print it and goto step 2.

Step 37: read data from a file and print it and goto step 2.

Step 38: read data from a file and print it and goto step 2.

Step 39: read data from a file and print it and goto step 2.

Step 40: input a number of n

Step 41: if n=1, goto step 52.

Step 42: if n=2, goto step 53.

Step 43: if n=3, goto step 54.

Step 44: if n=4, goto step 55.

Step 45: if n=5, goto step 56.

Step 46: if n=6, goto step 57.

Step 47: if n=7, goto step 58.

Step 48: if n=8, goto step 59.

Step 49: if n=9, goto step 60.

Step 50: if n=10, goto step 61.

Step 51: if n=0, goto stop .

Step 52: read date from a file and print it and goto step 2.

Step 53: read date from a file and print it and goto step 2.

Step 54: read date from a file and print it and goto step 2.

Step 55: read date from a file and print it and goto step 2.

Step 56: read date from a file and print it and goto step 2.

Step 57: read date from a file and print it and goto step 2.

Step 58: read date from a file and print it and goto step 2.

Step 59: read date from a file and print it and goto step 2.

Step 60: read date from a file and print it and goto step 2.

Step 61: read date from a file and print it and goto step 2.

Step 62: input a number of n

Step 63: if n=1, goto step 68.

Step 64: if n=2, goto step 69.

Step 65: if n=3, goto step 70.

Step 66: if n=4, goto step 71.

Step 67: if n=0 go to stop.

Step 68: read data from a file and print it and goto step 2.

Step 69: read data from a file and print it and goto step 2.

Step 70: read data from a file and print it and goto step 2.

Step 71: read data from a file and print it and goto step 2.

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The End

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