# PF lab 4 Assignment (7)

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**Task 4**

#include<stdio.h>

int main()

{

int studentscore;

printf ("Enter your score\n");

scanf ("%d",&studentscore);

if (studentscore>=90)

{

printf ("A grade\n");

}

else if (studentscore>=80 && studentscore<=89)

{

printf ("B grade\n");

}

else if (studentscore>=70 && studentscore<=79)

{

printf ("C garde\n");

}

else if (studentscore>=60 && studentscore<=69)

{

printf ("D grade\n");

}

else

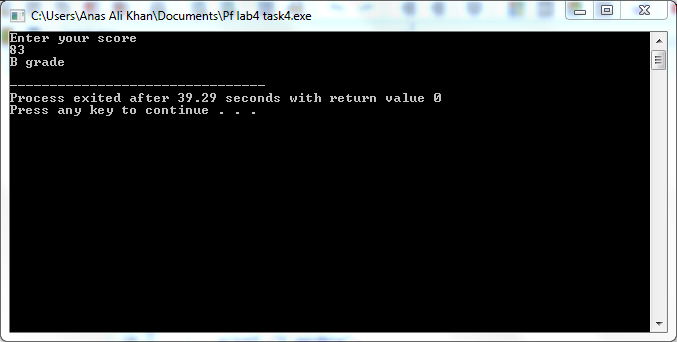
{

printf ("F grade\n");

}

return 0;

}



**Task 5**

#include<stdio.h>

int main()

{

int color;

printf ("Enter a color from 1-3 (1=red, 2=yellow, 3=go)\n");

scanf ("%d",&color);

switch (color)

{

case 1:

printf("Stop\n");

break;

case 2:

printf ("Ready\n");

break;

case 3:

printf ("Go\n");

break;

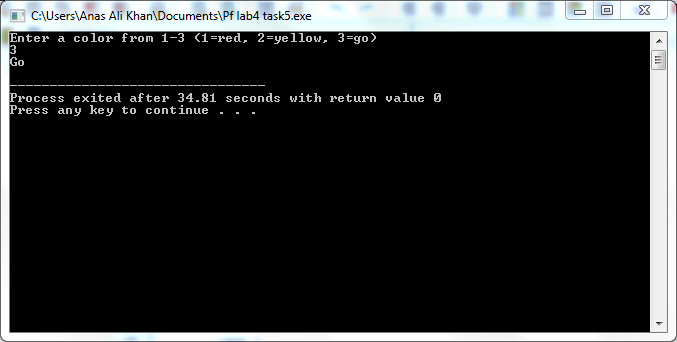
default:

printf ("Invalid Input\n");

}

return 0;

}



**Task 6**

#include<stdio.h>

int main ()

{

int num1, num2, Answer;

char optr;

printf ("Enter any two numbers\n");

scanf ("%d%d",&num1, &num2);

printf ("Enter an operator from +,-,\*,/ \n");

scanf (" %c",&optr);

switch (optr)

{

case '-':

Answer=num1-num2;

printf ("Answer=%d",Answer);

break;

case '+':

Answer=num1+num2;

printf ("Answer=%d",Answer);

break;

case '\*':

Answer=num1\*num2;

printf ("Answer=%d",Answer);

break;

case '/':

Answer=num1/num2;

printf ("Answer=%d",Answer);

break;

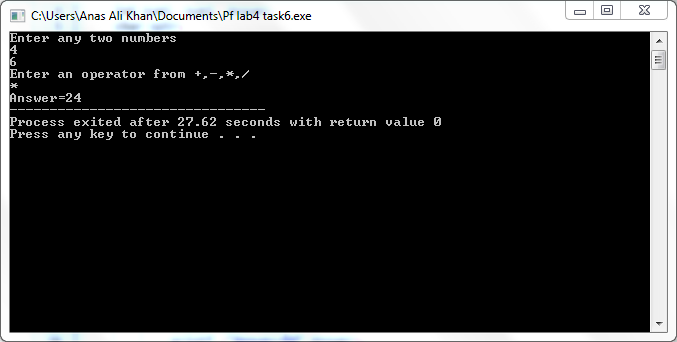
default:

printf ("Invalid operator\n");

}

return 0;

}



**Task 7**

#include<stdio.h>

int main()

{

int year;

printf ("Enter year\n");

scanf ("%d",&year);

if ((year % 4==0 && year % 100 != 0) || (year % 400==0))

{

printf ("%d is a leap year\n",year);

}

else

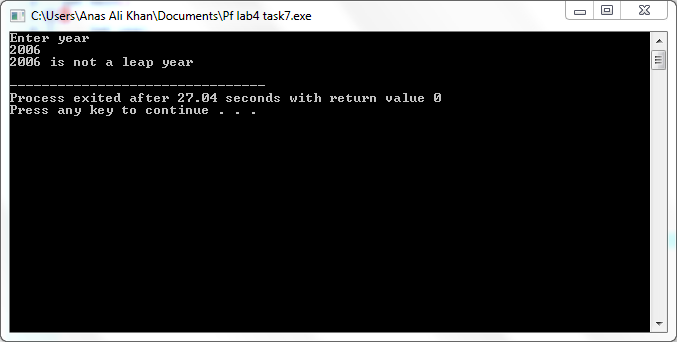
{

printf ("%d is not a leap year\n",year);

}

return 0;

}



**Task 8**

#include<stdio.h>

int main ()

{

int num;

printf ("Enter a number\n");

scanf ("%d",&num);

if (num>0)

{

printf ("%d is positive\n",num);

}

else if (num<0)

{

printf ("%d is negative\n",num);

}

else

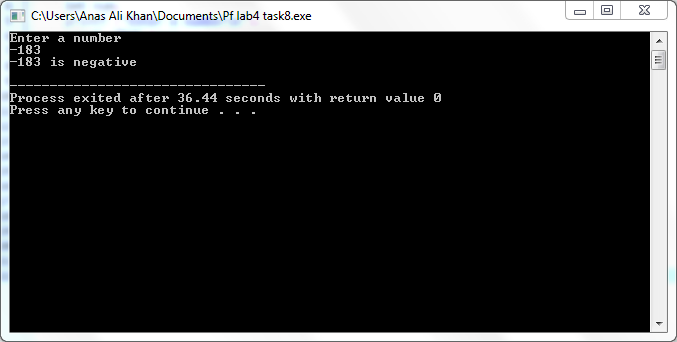
{

printf ("number is zero\n");

}

return 0;

}



**Task 9**

#include <stdio.h>

int main()

{

int number;

printf ("Enter a number between 1-7\n");

scanf ("%d",&number);

switch (number)

{

case 1:

printf ("The day is Monday\n");

break;

case 2:

printf ("The day is Tuesday\n");

break;

case 3:

printf ("The day is Wednesday\n");

break;

case 4:

printf ("The day is Thursday\n");

break;

case 5:

printf ("The day is Friday\n");

break;

case 6:

printf ("The day is Saturday\n");

break;

case 7:

printf ("The day is Sunday\n");

break;

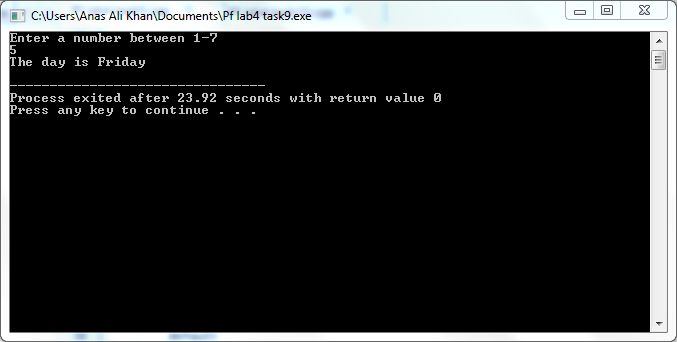
default:

printf ("Invalid number\n");

}

return 0;

}



**Task 10**

#include<stdio.h>

int main ()

{

int Password=1234;

int PIN;

printf ("Enter your pin\n");

scanf ("%d",&PIN);

if (PIN==Password)

{

printf ("Access granted\n");

}

else

{

printf ("Access denied\n");

}

return 0;

}

