**Task#4**

#include<stdio.h>

int main()

{

int score;

printf("enter the student score\n");

scanf("%d",&score);

if (score>=90)

{

printf("A Grade");

}

else if (score>=80)

{

printf("B Grade");

}

else if (score>=70)

{

printf("C Grade");

}

else if (score>=60)

{

printf("D Grade");

}

else

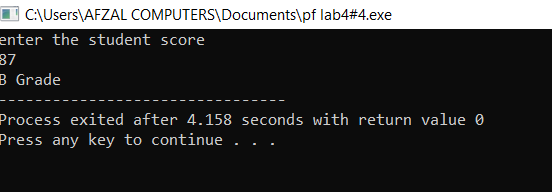
{

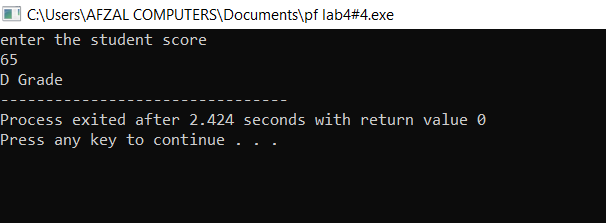
printf("FAIL");

}

return 0;

}





**Task#5**

#include<stdio.h>

int main()

{

int colour;

printf("Enter the traffic colour code\t(1 for red,2 for yellow,3 for green)\n");

scanf("%d",&colour);

switch (colour)

{

case 1:

printf("Stop\n");

break;

case 2:

printf("Ready\n");

break;

case 3:

printf("Go\n");

break;

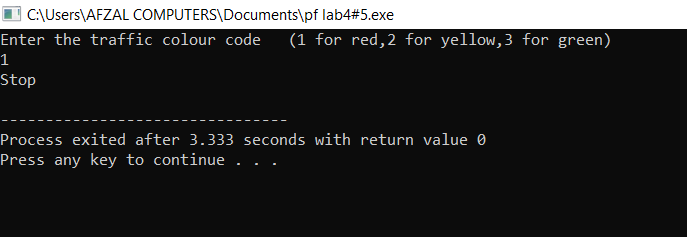
default :

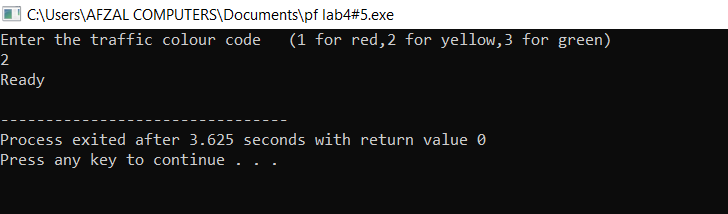
printf("invalid number");

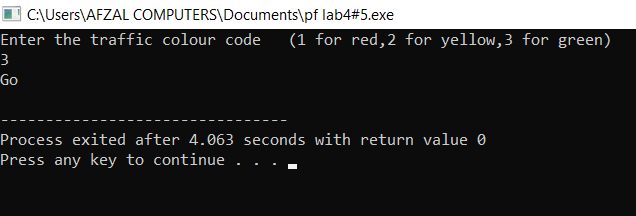
}

return 0;

}







**Task#6**

#include<stdio.h>

int main()

{

float num1,num2,result;

char sign;

printf("enter first number\n");

scanf("%f",&num1);

printf("enter arithmetic operator\t(+,-,\*,/)\n");

scanf(" %c",&sign);

printf("enter second number\n");

scanf("%f",&num2);

switch (sign)

{

case '+':

result= num1+num2;

printf("result=%.2f\n",result);

break;

case'-':

result=num1-num2;

printf("result=%.2f\n",result);

break;

case'\*':

result=num1\*num2;

printf("result=%.2f\n",result);

break;

case'/':

result=num1/num2;

printf("result=%.2f\n",result);

break;

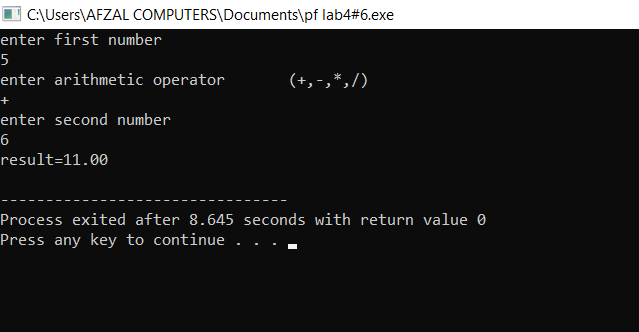
default:

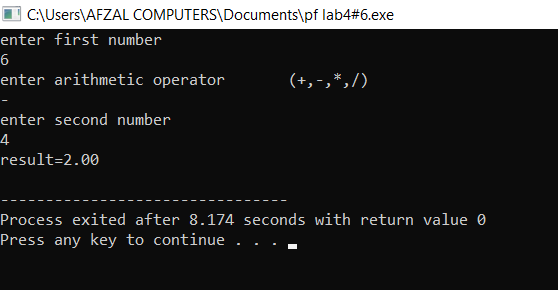
printf("invalid input");

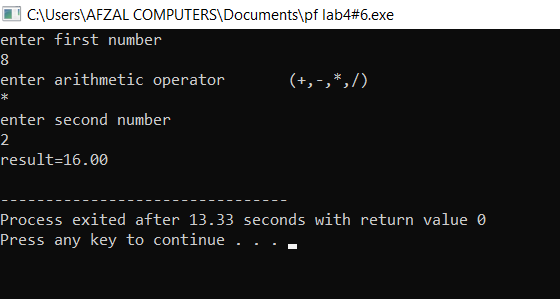
}

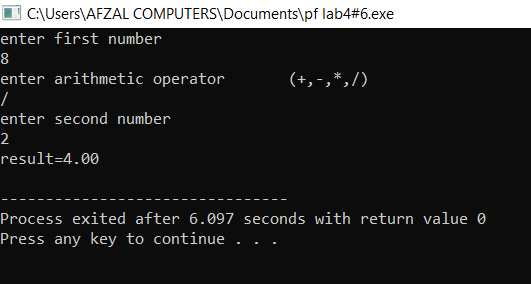
return 0;

}



****

****

****

**Task#7**

#include<stdio.h>

int main()

{

int year;

printf("enter a year\n");

scanf("%d",&year);

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

{

printf("it's a leap year\n");

}

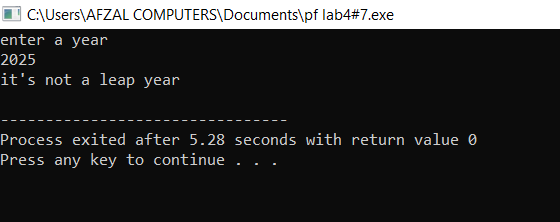
else

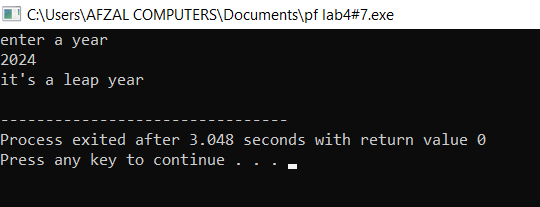
{

printf("it's not a leap year\n");

}

return 0;

}



**Task#8**

#include<stdio.h>

int main()

{

int number;

printf("enter a number\n");

scanf("%d",&number);

if (number>0)

{

printf("it is a positive number\n");

}

else if (number<0)

{

printf("it is a negative number\n");

}

else

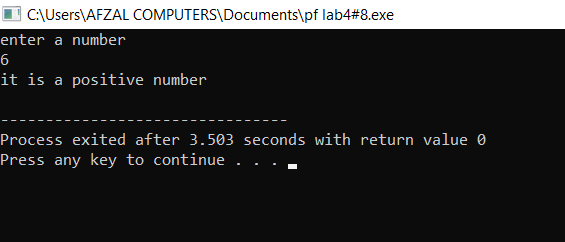
{

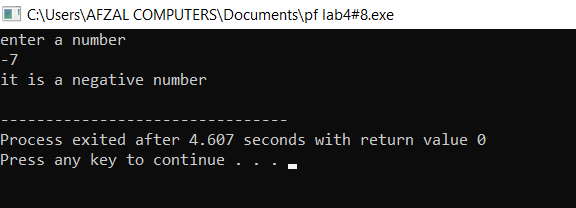
printf("it is zero");

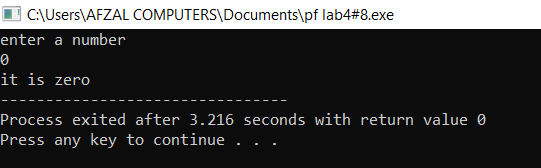
}

return 0;

}







**Task#9**

#include<stdio.h>

int main()

{

int day;

printf("enter a number between 1 to 7 to get the corresponding day of the week\n");

scanf("%d",&day);

switch (day)

{

case 1:

printf("Monday\n");

break;

case 2:

printf("Tuesday\n");

break;

case 3:

printf("Wednesday\n");

break;

case 4:

printf("Thursday\n");

break;

case 5:

printf("Friday\n");

break;

case 6:

printf("Saturday\n");

break;

case 7:

printf("Sunday\n");

break;

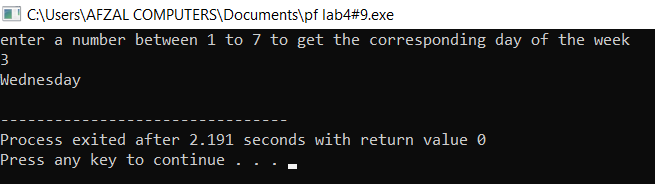
default:

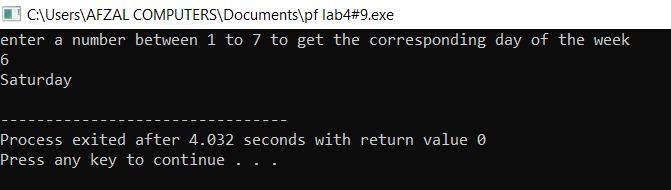
printf("invalid input\n");

}

return 0;

}





**Task#10**

#include<stdio.h>

int main()

{

int password=1234;

printf("enter the password\n");

scanf("%d",&password);

if (password==1234)

{

printf("Access granted\n");

}

else

{

printf("Access denied\n");

}

return 0;

}

