program:

#include<stdio.h>

int main()

{

int a,b;

char op;

float result;

printf("Enter a number A:");

scanf("%d",&a);

printf("\nEnter a number B:");

scanf("%d",&b);

printf("Enter the opreation(+,-,\*,/)");

scanf(" %c",&op);

if(op == '+')

{result=a+b;}

if(op == '-')

{result=a-b;}

if(op == '\*')

{result=a\*b;}

if(op == '/')

{result=a/b;}

printf("your result is :%f",result);

return 0;

}

OUTPUT:

program:

#include<stdio.h>

int main()

{

int i=0,j=1,k=0,fib=0,n;

printf("enter n value");

scanf("%d",&n);

for(i=0;i<=n;i++)

{

printf("\n%d",fib);

fib=k+j;

j=k;

k=fib;

}

return 0;

}

OUTPUT:

FACTORIAL OF GIVEN NUMBER

#include<stdio.h>

int main()

{

int i,n,fact=1;

printf("Enter a number:");

scanf(" %d",&n);

printf("\nFACTORIAL is:\n");

for(i=1;i<=n;i++)

{

fact=fact\*i;

}

printf("\n %d",fact);

return 0;

}

OUTPUT:

CHECK IF NUMBER IS PRIME OR NOT

#include<stdio.h>

int main()

{

int i,n,flag=0;

printf("Enter positive no. :");

scanf("%d",&n);

if (n==0 || n==1)

flag = 1;

for(i=2;i<=n/2;++i)

{

if(n%i==0)

{

flag=1;

break;

}

}

if(flag == 0)

{

printf("%d is prime no.",n);

}

else

{

printf("%d is not prime no.",n);

}

}

return 0;

}

OUTPUT:

Enter positive no. :7

7 is prime no.

DATA TYPES IN C LANGUAGE

#include<stdio.h>

int main ()

{

int roll\_no;

char student\_name[20];

float cgpa;

printf("Name of student:");

scanf("%s", student\_name);

printf("enter roll number of student:");

scanf("%d",&roll\_no);

printf("enter your cgpa:");

scanf("%.2f",&cgpa);

return 0;

}

OUTPUT:

Name of student:Trijal Khade

enter roll number of student:40

enter your cgpa:8.55