1. Write a program in C to find the factorial of a given number using pointers.

#include<stdio.h>

int main()

{

int a,\*c,s,\*p;

printf("Enter a number ");

scanf("%d",&a);

c=&a;

s=1;

p=&s;

while(\*c>0)

{

\*p=(\*p)\*(\*c);

\*c=\*c-1;

}

printf("%d",s);

}

2. Write a program in C to compute the sum of two numbers in using pointers.

#include<stdio.h>

int main()

{

int a,\*c,s,\*p,sum;

printf("Enter a number ");

scanf("%d",&a);

c=&a;

printf("Enter a number ");

scanf("%d",&s);

p=&s;

sum=\*c+\*p;

printf("%d",sum);

}

3. Write a program to find largest among three numbers using pointers.

#include<stdio.h>

int main()

{

int a,\*d,b,\*e,c,\*f,large;

printf("Enter a number ");

scanf("%d",&a);

d=&a;

printf("Enter a number ");

scanf("%d",&b);

e=&b;

printf("Enter a number ");

scanf("%d",&c);

f=&c;

if((\*d>\*e)&&(\*d>\*f))

{

large=\*d;

}

else if((\*e>\*f)&&(\*e>\*d))

{

large=\*e;

}

else

{

large=\*f;

}

printf("%d",large);

}

4. Write a program to find average of five numbers using pointers.

#include<stdio.h>

int main()

{

int a[5],sum=0,average,i;

int \*d;

for(i=0;i<5;i++)

{

scanf("%d",&a[i]);

d=&a[i];

sum+=\*d;

}

average=sum/i;

printf("%d",average);

}