/\*switch & case\*/

#include<stdio.h>

int main()

{

int x,y,ch,a,b,c,d;

printf("enter two values\n");

scanf("%d%d",&x,&y);

printf("1.addition\n2.subtraction\n3.multiplication\n4.division\n");

scanf("%d",&ch);

switch(ch)

{

case 1:a=x+y;

printf("result:%d",a);

break;

case 2:b=x-y;

printf("result:%d",b);

break;

case 3:c=x\*y;

printf("result:%d",c);

break;

case 4:d=x/y;

printf("result:%d",d);

break;

defult:

printf("invalid no");

}

return 0;

}

/\*size of my compiler int\*/

#include<stdio.h>

int main()

{

int x;

printf("%d",sizeof(x));

return 0;

}

/\*size of my compiler float\*/

#include<stdio.h>

int main()

{

float x;

printf("%d",sizeof(x));

return 0;

}

/\*size of my compiler double\*/

#include<stdio.h>

int main()

{

double x;

printf("%d",sizeof(x));

return 0;

}

/\*factorial\*/

#include<stdio.h>

int main()

{

int i,n,m=1;

printf("enter the value of n\n");

scanf("%d",&n);

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

m=m\*i;

printf("result:%d",m);

return 0;

}

/\*fact by using function & recurtion\*/

#include<stdio.h>

int fact(int);

int main()

{

int n,p;

printf("enter the value of n\n");

scanf("%d",&n);

p=fact(n);

printf("result:%d",p);

return 0;

}

int fact(int x)

{

if(x==0||x==1)

return 1;

else

return x\*fact(x-1);

}