Question **1**

Correct

Mark 1.00 out of 1.00

Flag question

Given two numbers, write a C program to swap the given numbers.

For example:

Input	Result
10 20	20 10

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int a,b;
    scanf("%d",&a);
    scanf("%d",&b);
    printf("%d %d",b,a);
}
```

	Input	Expected	Got	
✔	10 20	20 10	20 10	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

```c
#include<stdio.h>
int main(){
    int m,p,c,t;
    scanf("%d %d %d",&m,&p,&c);
    t=m+p+c;
    if((m>=65 && p>=55 && c==50)||t>=180)
    {
        printf("The candidate is eligible");
    }
    else
    {
        printf("The candidate is not eligible");
    }
}
```

	Input	Expected	Got	
✔	70 60 80	The candidate is eligible	The candidate is eligible	✔
✔	50 80 80	The candidate is eligible	The candidate is eligible	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

```c
#include<stdio.h>
int main(){
    int a;
    scanf("%d",&a);
    if(a>2000)
    {
        int t;
        t=a-(a/10);
        printf("%d",t);
    }
    else
    {
        printf("%d",a);
    }
}
```

	Input	Expected	Got	
✔	1900	1900	1900	✔
✔	3000	2700	2700	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

```c
#include<stdio.h>
int main()
{
    int a,b,cal,sum;
    scanf("%d %d",&a,&b);
    cal=200*b;
    sum=(a*b)+cal;
    printf("%d",sum);
}
```

	Input	Expected	Got	
✔	500 3	2100	2100	✔
✔	100 3	900	900	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

```c
#include<stdio.h>
int main(){
    int m,n,x;
    scanf("%d %d %d",&m,&n,&x);
    for(int i=n;i>=m;i--)
    {
        if(i%x==0)
        {
            printf("%d ",i);
        }
    }
}
```

	Input	Expected	Got	
✔	2 40 7	35 28 21 14 7	35 28 21 14 7	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Write a C program to find the quotient and reminder of given integers.

For example:

Input	Result
12 3	4 0

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main(){
    int a,b;
    scanf("%d %d",&a,&b);
    printf("%d\n",a/b);
    printf("%d",a%b);
}
```

	Input	Expected	Got	
✔	12 3	4 0	4 0	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Write a C program to find the biggest among the given 3 integers?

For example:

Input	Result
10 20 30	30

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int a,b,c;
    scanf("%d %d %d",&a,&b,&c);
    if(a>b && a>c)
    {
        printf("%d",a);
    }
    else if (b>a && b>c)
    {
        printf("%d",b);
    }
    else
    {
        printf("%d",c);
    }
}
```

	Input	Expected	Got	
✔	10 20 30	30	30	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Write a C program to find whether the given integer is odd or even?

For example:

Input	Result
12	Even
11	Odd

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main(){
    int a;
    scanf("%d",&a);
    if(a%2==0)
    {
        printf("Even");
    }
    else{
        printf("Odd");
    }
}
```

	Input	Expected	Got	
✔	12	Even	Even	✔
✔	11	Odd	Odd	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Write a C program to find the factorial of given n.

For example:

Input	Result
5	120

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int a;
    unsigned long long pro=1;
    scanf("%d",&a);
    for(int i=1;i<=a;i++)
    {
        pro*=i;
    }
    printf("%llu\n",pro);
}
```

	Input	Expected	Got	
✔	5	120	120	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Write a C program to find the sum first N natural numbers.

For example:

Input	Result
3	6

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    int a,n;
    scanf("%d",&a);
    n=a+1;
    n=a*n;
    n=n/2;
    printf("%d",n);
}
```

	Input	Expected	Got	
✔	3	6	6	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Write a C program to find the Nth term in the fibonacci series.

For example:

Input	Result
0	0
1	1
4	3

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main(){
    int a=0,b=1,n;
    scanf("%d",&n);
    if(n==0)
    {
        b=a;
    }
    else
    {
        for(int i=2;i<=n;i++)
        {
            int c=a+b;
            a=b;
            b=c;
        }
    }
    printf("%d",b);
}
```

	Input	Expected	Got	
✔	0	0	0	✔
✔	1	1	1	✔
✔	4	3	3	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Write a C program to find the power of integers.

input:

a b

output:

a^b value

For example:

Input	Result
2 5	32

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
#include<math.h>
int main(){
    int a,b,s;
    scanf("%d %d",&a,&b);
    s=(int)pow(a,b);
    printf("%d",s);
}
```

	Input	Expected	Got	
✔	2 5	32	32	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.

Write a C program to find Whether the given integer is prime or not.

For example:

Input	Result
7	Prime
9	No Prime

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main(){
    int n,c=0,i;
    scanf("%d",&n);
    for(i=2;i<n;i++)
    {
        if(n%i==0)
        {
            c+=1;
        }
    }
    if (c==0)
    {
        printf("Prime");
    }
    else
    {
        printf("No Prime");
    }
}
```

	Input	Expected	Got	
✔	7	Prime	Prime	✔
✔	9	No Prime	No Prime	✔

Passed all tests! ✔

Correct

Marks for this submission: 1.00/1.00.