7.

Questions
CEQ3.

Write a program to reverse a number using loop?(Get the input from user)

Sample Input:
Number: 14567

Sample Output:
Reverse Number: 76541

```c
#include <stdio.h>
#include<stdlib.h>
int main()
{
int num,rem,reverse=0;
printf("enter the number for find reverse\n");
scanf("%d",&num);
printf("you entered %d\n",num);
for(;num!=0; num=num/10)
{
rem=num%10;
reverse=reverse*10+rem;
}
printf("reverse of the given number %d",reverse);
return 0;
}
```

14567

8.

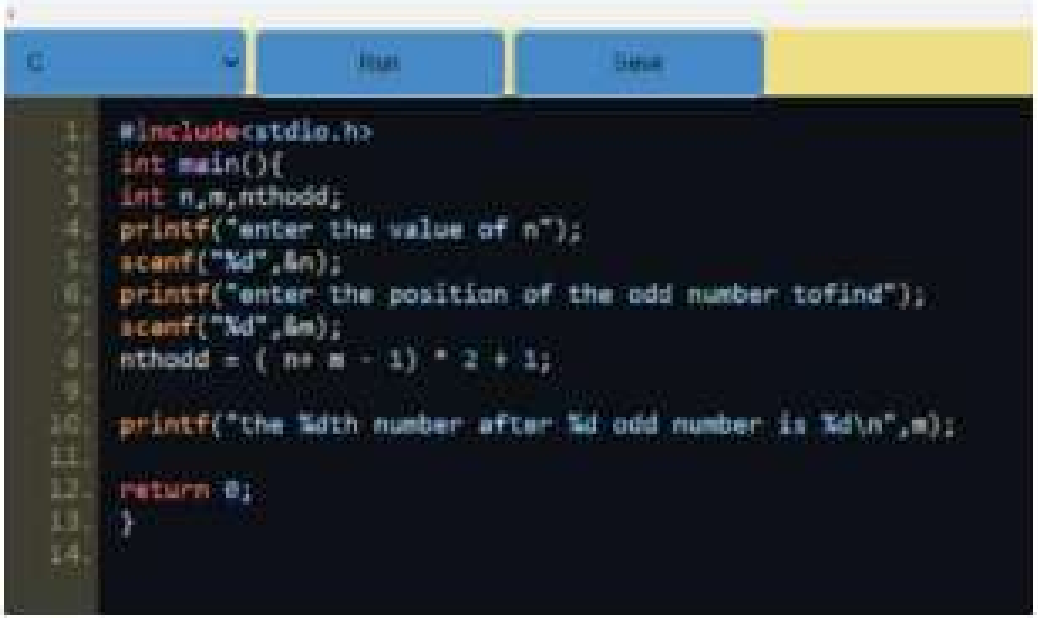
Questions

CEQ36.

Find the nth odd number after n odd number.

Sample Input:
N : 4

Sample Output:
4th Odd number after 4 odd numbers = 15



9.

Questions
CEQ34.

Write a program to print the below pattern.

```
1
4    9
16   25   36
49   64   81   100
```

Test Cases

C | Run | Save

```c
#include<stdio.h>
int main(){
int rows,i,j,number=1;
printf("enter the number of rows: \n");
scanf("%d",&rows);
for(i=1;i<=rows;i++){
for(j=1;j<=i;++j){
printf("%d",number*number);
++number;
}
printf("\n");
}
return 0;
}
```

1.

Questions
CEQ28.

Write a program to print the Fibonacci series.

```
Sample Input:
Enter the n value: 6

Sample Output:
0       1       1       2       3       5
```

C | Run | Save

```c
#include<stdio.h>
int main()
{
 int n1=0,n2=1,n3,i,number;
 printf("enter  the number of elements:");
 scanf("%d",&number);
 printf("\n%d %d",n1,n2);
 for(i=2;i<number;++i)
 {
  n3=n1+n2;
  printf(" %d",n3);
  n1=n2;
  n2=n3;
 }
  return 0;
 }
```

Questions

CEQ29.

Write a program to print the below pattern.

```
1
2  2
3  3  3
4  4   4   4
```

C | Run | Save

```c
#include <stdio.h>
int main()
{
int i,j,n = 4;
for (i = 1 ; i <= n;i++)
{
for (j = 1; j <= i; j++)
{
printf ("%d   ",i);
}
printf(" \n ");
}
return 0;
}
```

4

```
1
2  2
3  3  3
4  4  4  4
```

Questions

CEQ35.

Write a program to find the number of composite numbers in an array of elements

Sample Input;:
Array of elements = {16, 18, 27, 16, 23, 21, 19}

Sample Output:
Number of Composite Numbers = 5

C | Run | Save

```c
#include<stdio.h>
void main()
{
  int i,n=7,a[100],count=0;
  printf("Enter elements:");
  for(i=0;i<n;i++)
  {
    scanf("%d",&a[i]);
  }
  for(i=0;i<n;i++)
  {
    if(a[i]==2)
    {
      continue;
    }
    else if(a[i]%2==0)
    {
     count++;
    }
  }
  if(count>2)
  {
    printf("\nTotal num of composite nums:%d",count);
  }
}
```

C Run Save

```c
#include<stdio.h>
int main(){
   int x,fact=1,n;
    printf("enter a number to find the factorail:");
    scanf("%d",&n);
    for(x=1;x<=n;x++)
      fact=fact*x;
    printf("factorail of %d is: %d",n,fact);
    return 0;
}
```

5.

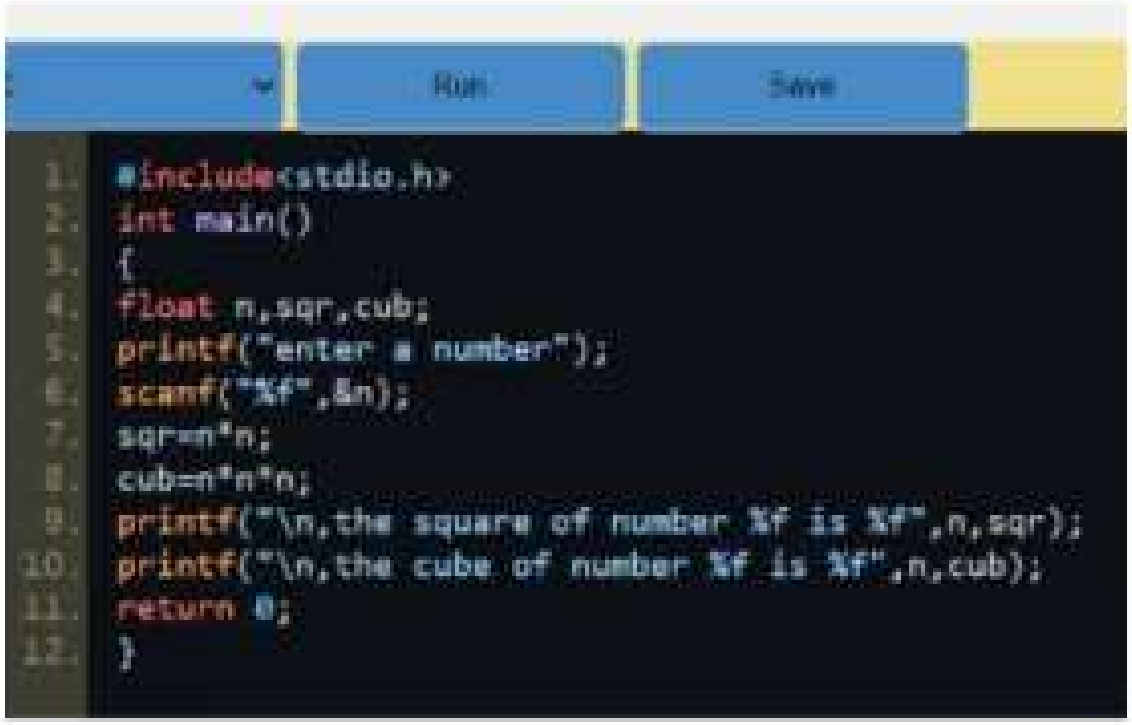
Questions

CEQ30.

Write a program to find the square, cube of the given decimal number.

Sample Input:
Given Number: 0.6

Sample Output:
Square Number: 0.36
Cube Number:0.216



6.

Questions
CEQ32.

Write a program to print the given number is Perfect number or not?

Sample Input:
Given Number: 6

Sample Output:
It's a Perfect Number