Assignment - 9 C Language LIVE Community Classes MySirG

1. Write a program to print MySirG 10 times on the screen.
Answer:
Code:

```
#include<stdio.h>
#include<conio.h>
main()
{
        int i=1;
        while(i<=10)
        {
                printf("\n MySirG");
                i++;
        }
        getch();
}
```

2. Write a program to print the first 10 natural numbers.
Answer:
Code:

```
#include<stdio.h>
#include<conio.h>
main()
{
        int i=1;
        while(i<=10)
        {
                printf("\n %d",i);
                i++;
        }
}
```

3. Write a program to print the first 10 natural numbers in reverse order.
Answer:
Code:

```
#include<stdio.h>
#include<conio.h>
main()
{
        int i=10;
        while(i!=0)
        {
                printf("\n %d",i);
```

```
            i--;
        }
        getch();
}
```

4. Write a program to print the first 10 even natural numbers.
Answer:
Code:
```c
#include<stdio.h>
main()
{
    int num=2,count=1;
    printf("First 10 Even natural numbers are = \n");

    while(count<=10)
    {
    printf("%d",num);
    num+=2;
    count++;
    }
}
```

5. Write a program to print the first 10 even natural numbers in reverse order.
Answer:
Code:
```c
#include<stdio.h>
main()
{
    int num=20,count=1;
    printf("First 10 Even natural number's in reverse order = \n");
    while(count<=10)
    {
        printf("\n %d",num);
        num-=2;
        count++;
    }
}
```

6. Write a program to print the first 10 odd natural numbers
Answer:
Code:
```c
#include<stdio.h>
main()
```

```
{
    int count=1,number=1;
    printf("first 10 odd natural numbers are = \n");
    while(count<=10)
    {
        printf("\n %d",number);
        number+=2;
        count++;
    }
}
```

7. Write a program to print the squares of first 10 natural numbers
Answer:
Code:
```
#include<stdio.h>
main()
{
    int count=1,squares,i=1;
     printf("\n Square of first 10 numer are as per below : ");
    while(count<=10)
    {
        squares=count*count;
        printf("\n Square of %d = %d",i,squares);
        count++;
        i++;
    }
}
```

8. Write a program to print the cubes of first 10 natural numbers
Answer:
Code:
```
#include<stdio.h>
main()
{
    int count=1,cube,i=1;
     printf("\n Cubes of first 10 numer are as per below : ");
    while(count<=10)
    {
        cube=count*count*count;
        printf("\n Cubes of %d = %d",i,cube);
        count++;
        i++;
    }
}
```

9. Write a program to print the squares of first 10 natural numbers in reverse order
Answer:
Code:

```c
#include<stdio.h>
main()
{
    int count=1,square,i=20;
     printf("\n Square of first 10 natural numbers are as per below : ");
    while(count<=10)
    {
       square=i*i;
       printf("\n Square of %d = %d",i,square);
       i-=2;
       count++;
    }
}
```

10. Write a program to print the cubes of the first 10 natural numbers in reverse order.
Answer:
Code:

```c
#include<stdio.h>
main()
{
    int count=1,cube,i=20;
     printf("\n Cubes of first 10 natural numbers are as per below : ");
    while(count<=10)
    {
       cube=i*i*i;
       printf("\n Cubes of %d = %d",i,cube);
       i-=2;
       count++;
    }
}
```