

iNeuron

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Course Name: **Job Ready Bootcamp in C++, DSA and IOT**

Assignment No: **4**

Date: **23-7-2022**

1. Write a program to print MySirG 5 times on the screen.

Program

```
#include<stdio.h>
int main()
{
    int i=1;
    while(i<=5)
    {
        printf("MySirG ");
        i++;
    }
    return 0;
}
```

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

Program

```
#include<stdio.h>
int main()
{
    int i;
    for(i=1;i<=10;i++)
    {
        printf("%d ",i);
    }
    return 0;
}
```

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

Program

```
#include<stdio.h>
int main()
{
    int i=10;
    do
    {
        printf("%d ",i);
        i--;
    }while(i>=1);
    return 0;
}
```

4. Write a program to print the first 10 odd natural numbers.

Program

```

#include<stdio.h>
int main()
{
    int i=1;
    while(i<20)
    {
        printf("%d ",i);
        i+=2;
    }
    return 0;
}

```

5. Write a program to print the first 10 odd natural numbers in reverse order.

Program

```

#include<stdio.h>
int main()
{
    int i=19;
    for(i=19;i>=1;i-=2)
    {
        printf("%d ",i);
    }
    return 0;
}

```

6. Write a program to print the first 10 even natural numbers.

Program

```

#include<stdio.h>
int main()
{
    int i=2;
    do
    {
        printf("%d ",i);
        i+=2;
    }while(i<=20);
    return 0;
}

```

7. Write a program to print the first 10 even natural numbers in reverse order.

Program

```

#include<stdio.h>
int main()

```

```

{
    int i=20;
    while(i>1)
    {
        printf("%d ",i);
        i-=2;
    }
    return 0;
}

```

8. Write a program to print squares of the first 10 natural numbers.

Program

```

#include<stdio.h>
int main()
{
    int i;
    for(i=1;i<11;i++)
    {
        printf("%d ",i*i);
    }
    return 0;
}

```

9. Write a program to print cubes of the first 10 natural numbers.

Program

```

#include<stdio.h>
int main()
{
    int i;
    for(i=1;i<11;i++)
    {
        printf("%d ",i*i*i);
    }
    return 0;
}

```

10. Write a program to print a table of 5.

Program

```

#include<stdio.h>
int main()
{
    int i=1,n=5;

```

```
do
{
    printf("%d * %d = %d\n",n,i,n*i);
    i+=1;
}while(i<=10);
return 0;
}
```