

## ASSIGNMENT-4    A JOB READY BOOT IN CAMP C++, DSA & IOT.

Name-Shivprsan kharwar

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

```
#include<stdio.h>

int main()

{

    int n=5,i;
    for(i=1;i<=10;i++)
    printf("%d\n",5*i);

}
```

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

```
#include<stdio.h>

int main()

{

    int i;
    for(i=1;i<=10;i++)
    printf(" %d",i);

}
```

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

```
#include<stdio.h>

int main()

{

    int i=10;
    for(i=9;i>=1;i=i-1)
        printf(" %d\n",i);
}
```

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

```
#include<stdio.h>

int main()

{

    int i;
    for(i=1;i<=20;i=i+2)
        printf(" %d\n",i);
}
```

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

```
#include<stdio.h>

int main()

{
    int i=20;
    for(i=19;i>=1;i=i-2)
        printf(" %d\n",i);
}
```

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

```
#include<stdio.h>

int main()

{
    int i;
    for(i=2;i<=20;i=i+2)
        printf(" %d",i);
}
```

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

```
#include<stdio.h>

int main()

{

    int i;

    for(i=20;i>=2;i=i-2)

        printf(" %d\n",i);

}
```

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

```
#include<stdio.h>

int main()

{

    int i;

    for(i=1;i<=10;i++)

        printf(" %d",i*i);

}
```

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

```
#include<stdio.h>

int main()

{

    int i;

    for(i=1;i<=10;i++)

    printf(" %d",i*i*i);

}
```

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

```
#include<stdio.h>

int main()

{

    int n=5,i;

    for(i=1;i<=10;i++)

    printf("%d\n",5*i);

}
```