

ASSIGNMENT-5 A JOB READY BOOT CAMP IN C++, DSA & IOT.

Name - shivprsan kharwar

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

```
#include<stdio.h>

int main()

{

    int n,i;

printf("Enter The value of N:");

    scanf("%d",&n);

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

printf("My sir g\n",n);

}
```

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

```
#include<stdio.h>

int main()

{

    int n,i;

printf("Enter The value of N:");

    scanf("%d",&n);

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

printf(" %d",i);

}
```

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

```
#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter The value of N:");

    scanf("%d",&n);

    for(i=n;i>=1;i=i-1)

        printf(" %d ",i);

}
```

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

```
#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter The value of N:");

    scanf("%d",&n);

    for(i=1;i<=n;i=i+2)

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

}
```

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

```
#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter The odd value of N:");

    scanf("%d",&n);

    for(i=n;i>=1;i=i-2)

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

}
```

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

```
#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter The even value of N:");

    scanf("%d",&n);

    for(i=2;i<=n;i=i+2)

        printf(" %d",i);

}
```

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

```
#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter The even value of N:");

    scanf("%d",&n);

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

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

}
```

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

```
#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter The value of N:");

    scanf("%d",&n);

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

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

}
```

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

```
#include<stdio.h>

int main()

{

    int i,n;

    printf("Enter The value of N:");

    scanf("%d",&n);

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

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

}
```

10. Write a program to print a table of N

```
#include<stdio.h>

int main()

{

    int n,i;

    printf("Enter The value of N:");

    scanf("%d",&n);

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

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

}
```