

## Assignment - 5

- ① write a program to print my sir's name twice on the screen.

104<sup>m</sup>  
→

```
#include <stdio.h>
int main()
{
    int n;
    printf("Enter n value\n");
    scanf("%d", &n);
    for(i=1; i<n; i++)
    {
        printf("%d",
        printf("my sir's");
    }
    return 0;
}
```

2

② write a program to print the first  $N$  natural no.

sol<sup>n</sup> → #include <stdio.h>  
int main()

```
{ int n;  
  printf("Enter n value");  
  scanf("%d", &n);  
  for (int i = 1; i <= n; i++)  
    printf("%d", i);  
  return 0;  
}
```

③ write a program to print the first  $N$  natural no in reverse order.

sol<sup>n</sup> → #include <stdio.h>  
int main()

```
{ int n;  
  printf("Enter n value");  
  scanf("%d", &n);  
  for (int i = n; i i >= 1; i--)  
    printf("%d", i);  
}
```

return 0;

}

- ④ write a program to print the first  $N$  odd natural no.

Ans →  
#include <stdio.h>  
int main()  
{  
int n;  
printf("Enter n value");  
scanf("%d", &n);  
for (i = 1; i <= 2\*n; i = i + 2)  
printf("%d", i);  
return 0;

}

- ⑤ write a program to print the first  $N$  odd natural no in reverse order.

Ans →  
#include <stdio.h>  
int main()

{  
int n;  
printf("Enter the n value");  
scanf("%d", &n);

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

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

```
return 0;
```

}

⑥ write a program to print the first N even natural no.

sol<sup>n</sup> → #include <stdio.h>  
int main()

```
{ int n;
```

```
printf ("Enter n value ");
```

```
scanf ("%d", &n);
```

```
for (i = 0; i <= 2 * n; i = i + 2)
```

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

```
return 0;
```

}



⑦ write a program to print the first  $N$  even natural no. in reverse order.

Ans → 

```
#include <stdio.h>
int main()
```

```
{ int n;
```

```
printf("Enter n value");
```

```
scanf("%d", &n);
```

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

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

```
return 0;
```

}

⑧ write a program to print square of first  $N$  natural no.

Ans → 

```
#include <stdio.h>
int main()
```

```
{ int n;
```

```
printf("Enter n value");
```

```
scanf("%d", &n);
```

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

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

```
return 0;
```

```
}
```

⑨ write a program to print cubes of the first  $N$  natural no.

Ans → 

```
#include <stdio.h>
int main()
```

```
{ int n;
```

```
printf("Enter n value");
```

```
scanf("%d", &n);
```

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

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

```
return 0;
```

```
}
```

⑩ write a program to print table of  $n$ .

```
#include <stdio.h>
int main()
{
    int n;
    printf("Enter the n value");
    scanf("%d", &n);
    for (int i = 1; i <= 10; i++)
        printf("%d x %d = %d", n, i, n * i);

    return 0;
}
```