

## Assignment - 4

- ① write a program to print my sirig  
5 times on the screen.

Ans →

```
#include <stdio.h>
```

```
int main()
```

```
{ int i=1;
```

```
  while( i <= 5)
```

```
{
```

```
  printf("my sirig");
```

```
  i++;
```

```
}
```

```
  return 0;
```

```
}
```

- ② write a program to print the first 10  
natural no.

Ans →

```
#include <stdio.h>
```

```
int main()
```

```
{ int i;
```

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

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

```
  return 0;
```

```
}
```

③ write a program to print first 10 natural no. in reverse order.

Ans  
→

```
#include <stdio.h>
```

```
int main()
```

```
{ for (int i = 10; i >= 1; i--)
```

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

```
return 0;
```

```
}
```

④ write a program to print first 10 odd natural no.

Ans  
→

```
#include <stdio.h>
```

```
int main()
```

```
{ for (int i = 1; i < 20; i = i + 2)
```

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

```
return 0;
```

```
}
```

⑤ write a program to print first 10 odd natural no in reverse order.

```
soln → #include <stdio.h>
int main()
{
    for (int i = 21; i >= 1; i = i - 2)
        printf("%d", i);
    return 0;
}
```

⑥ write a program to print the first 10 even natural no.

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



⑦ write a program to print the first 10 even natural number in reverse order.

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

⑧ write a program to print square of the first 10 natural no.

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

9 write a program to print cube of first 10 natural no.

Ans<sup>n</sup>  
→

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

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

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

```
    return 0;
```

```
}
```

10 write a program to print a table of 5.

Ans<sup>n</sup>  
→

```
#include <stdio.h>
```

```
int main()
```

```
{ int n;
```

```
    printf("Enter a no");
```

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

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

```
        printf("%d x %d = %d", n, i, n*i);
```

```
    return 0;
```

```
}
```