

## Assignment - 19

① write a program to print My Sir G 10 times  
one the same

Ans #include <stdio.h>  
int main()  
{  
int i;  
for (i=1; i<=10; i++)  
{  
printf(" My Sir G ");  
printf("\n");  
}  
return 0;

output:

My Sir G  
My Sir G  
My Sir G  
My Sir G  
My Sir G  
My Sir G  
My Sir G  
My Sir G  
My Sir G  
My Sir G

② write a program to print the first 10 natural  
numbers

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

output:

1 2 3 4 5 6 7 8 9 10

③ write a program to print the first 10 natural  
Numbers in reverse

Ans #include <stdio.h>  
int main()  
{  
int i;  
for (i=1; i<=10; i++)  
{  
printf("%d", 11-i);  
}  
return 0;

output:

10  
9  
8  
7  
6  
5  
4  
3  
2  
1



Q4) write a program to print the first 10 even natural numbers.

Ans #include <stdio.h>

int main()

{

int i;

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

{ printf("%d\t", 2\*i);

}

}

output:  
2 4 6 8 10 12 14 16 18 20

Q5) write a program to print the 10 even natural

Ans #include <stdio.h>

int main()

{

int a=10;

while (a!=0)

{

printf("%d\t", a\*2);

a--;

}

}

output:  
20 18 16 14 12 10 8 6 4 2

Q6) write a program to print the first 10<sup>odd</sup> natural no.

Ans #include <stdio.h>

int main()

{

int i;

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

{ printf("%d\t", 2\*i-1);

}

}

output:

1 3 5 7 9 11 13 15 17 19

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7. write a program to print the square of first 10 natural numbers.

Ans #include <stdio.h>

int main()

{ int i;

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

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

return 0;

Output:

1 4 9 16 25 36 49 64 81 100

8. write a program to print cubes of first 10 natural numbers.

Ans #include <stdio.h>

int main()

{

int i;

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

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

return 0;

Output:

1 8 27 64 125 216 343 512 729 1000

9. write a program to print the squares of first natural numbers in reverse order.

Ans #include <stdio.h>

int main()

{

int i=10;

while (i!=0)

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

i--;

return 0;

Output:

100 81 64 49 36 25 16 9 4 1



Date \_\_\_\_\_

(10) write a program to print the cubes of the first 10 natural numbers in reverse order.

Ans #include <stdio.h>

```
int main()
{
```

```
    int i=10;
```

```
    while (i != 0)
```

```
    {
```

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

```
        i--;
```

```
    }
    return 0;
```

output:

1000 729 512 343 216 125 64 27 8 1