

ASSIGNMENT - 4

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

```
#include <stdio.h>
int main ()
{
    int i = 1;
    while (i <= 5)
    {
        printf ("mySirCh");
        i++;
    }
    return 0;
}
```

2. Write a program to print first 10 natural number

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

3. Write a program to print first 10 natural number in reverse order.

```
#include <stdio.h>
int main ()
{
    int i = 10;
    while (i >= 1)
    {
        printf ("%d", i);
        i--;
    }
}
```


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

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

```
int main ()
```

```
{
```

```
    int i = 1;
```

```
    while (i <= 10)
```

```
    {
```

```
        int odd = 2 * i - 1;
```

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

```
        i++;
```

```
    }
```

```
    return 0;
```

```
}
```

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

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

```
int main ()
```

```
{
```

```
    int i = 10, odd;
```

```
    while (i >= 1)
```

```
    {
```

```
        odd = 2 * i - 1;
```

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

```
        i--;
```

```
    }
```

```
    return 0;
```

```
}
```

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

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

```
int main ()
```

```
{
```

```
    int i = 1; even;
```



```

while (i <= 10)
{
    even = 2 * i;
    printf("%d", even);
    i++;
}
return 0;
}

```

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

```

#include <stdio.h>
int main ()
{
    int i = 10, even;
    while (i >= 1)
    {
        even = 2 * i;
        printf("%d", even);
        i--;
    }
    return 0;
}

```

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

```

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

```


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

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

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

```
#include <stdio.h>
int main ()
{
    int i = 1; x = 5;
    while (i <= 10)
    {
        printf ("%d * %d = %d/n", x, i, x * i);
        i++;
    }
    return 0;
}
```