

# Assignment - 9 - C language

①

Q1) Write a program to Print "MySiri" 10 times on the screen.

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

Q2) Write a program to Print the first 10 Natural numbers.

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

Q3) Write a Program to Print the first 10 natural number in reverse order.

```
#include <stdio.h>
int main()
{
    int i;
    while(i <= 10)
    {
        printf("%d\n", 11-i);
        i++;
    }
    return 0;
}
```

Q4) Write a Program to Print the first 10 even natural numbers.

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

Q5) Write a Program to Print 10 even natural numbers in reverse order.

```
#include <stdio.h>
int main()
{
    int i = 1;
    while (i <= 10);
    {
        printf("%d", 2*11 - 2*i);
        i++;
    }
    return 0;
}
```

Q6) Write a Program to Print first 10 odd <sup>natural</sup> numbers.

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

Q7) Write a program to Print the square of first 10 ~~odd~~ natural numbers.

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

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Q8) Write a Program to Print the cubes of first 10 natural numbers.

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

Q9) Write a Program to Print the sq of first 10 natural number in Reverse order

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

Q10) Write a Program to Print the <sup>Cubes</sup> of first 10 natural no. in Reverse order

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