



ITERATIVE CONTROL STATEMENTS

ASSIGNMENT 4



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Q. write a program to print MySirG 5 times on the screen.

```
#include<stdio.h>

int main()
{
    int i;
    for(i=1;i<=5;i++)
    {
        printf("MySirG\n");
    }
    return 0;
}
```

Q. wap to print 10 natural number.

```
#include<stdio.h>

int main()
{
    int i;
    printf("first ten natural number\n");

    for(i=1;i<=10;i++)
    {
        printf("%d\n", i);
    }

    return 0;
}
```

Q.wap to print the first 10 natural numbers in reverse order.

```
#include<stdio.h>

int main()
```

```

{
    int i;

    printf("first 10 natural numbers in reverse order\n");
    for(i=10;i>=1;i--)
    {
        printf("%d\n", i);
    }

    return 0;
}

```

Q. wap to print the first 10 odd natural numbers.

```

#include<stdio.h>

int main()
{
    int i=1;

    printf("first ten odd natural number\n");
    while(i<=10)
    {
        printf("%d\n",2*i-1);
        i++;
    }

    return 0;
}

```

Q.wap to print the first 10 odd natural numbers in reverse order.

```

#include<stdio.h>

int main()
{
    int i=10;

```

```

printf("first ten odd natural number in reverse order\n");

    while(i>=1)
    {
        printf("%d\n",2*i-1);
        i--;
    }

    return 0;
}

```

Q. **wap to print the first 10 even natural numbers.**

```

#include<stdio.h>

int main()
{
    int i=1;

    printf("first 10 even natural numbers are\n");
    while(i<=10)
    {
        printf("%d\n",2*i);
        i++;
    }

    return 0;
}

```

Q. **wap to print the first 10 even natural numbers in reverse order.**

```

#include<stdio.h>

int main()
{
    int i=10;

    printf("first 10 even natural numbers in reverse order are\n");
    while(i>=1)

```

```
{  
    printf("%d\n",2*i);  
    i--;  
}  
return 0;  
}
```

Q.wap to print squares of the first 10 natural numbers.

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

Q.wap to print cubes of the first 10 natural numbers.

```
#include<stdio.h>  
int main()  
{  
    int i=1;  
    printf("cube of first 10 natural numbers are\n");  
    while(i<=10)  
    {
```

```
        printf("%d\n",i*i*i);
        i++;
    }
    return 0;
}
```

Q.wap to print a table of 5.

```
#include<stdio.h>

int main()
{
    int i;

    for(i=1;i<=10;i++)
    {
        printf("%d\n",5*i);
    }
    return 0;
}
```