

Application which demonstrates the concept of Iteration

Iteration is the concept where we can execute one or more statements multiple times.

In typescript we can achieve iteration using

- for loop
- while loop
- do-while loop

Below application demonstrates use of each type of loop.

```
var no:number = 5;
```

```
var i:number;
```

```
console.log("Marvellous : for loop demonstration :");
```

```
for(i = 1; i<= no; i++)  
{  
    console.log(i);  
}
```

```
console.log("Marvellous : while loop demonstration :");  
i = 1;
```

```
while(i<=no)  
{  
    console.log(i);  
    i++;  
}
```

```
console.log("Marvellous : do-while loop demonstration :");  
i = 1;
```

```
do  
{  
    console.log(i);  
    i++;  
}while(i<=no);
```