

# Assignment-9

25.06.22

1. #include <stdio.h>  
int main()

```
{ int x=1;
  while (x<=10)
  { printf("My Sir:");
    x++;
  }
  getch();
}
```

2. // first 10 natural number

```
#include <stdio.h>
int main()
```

```
{ int i=1;
  while (i<=10)
  { printf("%d", i);
    i++;
  }
  getch();
}
```

3. // first 10 natural number in reverse

```
#include <stdio.h>
int main()
```

```
{ int i x=10;
  while (x>=1)
  { printf("%d", x);
    x--;
  }
  getch();
}
```

4. // first 10 even natural number

```
#include <stdio.h>
int main()
```

```
{ int i=2;
  while (i<=20)
  { printf("%d", i);
    i+=2;
  }
  getch();
}
```

5. // first 10 even number in reverse

```
#include <stdio.h>
int main()
```

```
{ int x=20;
  while (x>=2)
  { printf("%d", x);
    x-=2;
  }
  getch();
}
```

6. // first 10 odd natural number

```
#include <stdio.h>
int main()
```

```
{ int count=10, x=1, r;
  while (count>=1)
  { r=x%2;
    if (r==1)
    { printf("%d", x);
      count--;
    }
    x++;
  }
}
```

7. // Square of first 10 natural number

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

9. // Square of first 10 natural number

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

8. // Cube of first 10 natural number

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

10. // Cube of first 10 natural number in reverse

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

9.