

While is a looping construct which will keep repeating the instructions within the loop. When the specified condition is true. When the condition becomes false control will be passed out of the loop. It is an entry control looping construct (pre tested loop) i.e. entry into the loop is restricted depending on the result of the loop condition. If the condition is false for the first time itself no instructions within the loop will be executed.

Ex $x = 1$

while ($x \leq 5$)

```
{
    printf("\n%d", x);
    x = x + 1;
}
```

