

While loops with Sentinels

(break and continue)

```
import java.util.Scanner;

class Main {

    public static void main(String[] args)
    { //main
        Scanner keybd = new Scanner(System.in);
        double mark = 100.0;

        while (1 == 1)
        { //loop starts
            System.out.print("Enter a mark (e.g. 70 or -999 to quit) > ");
            mark = keybd.nextDouble();
            if (mark == -999) break;
            if (mark > 100.0 || mark < 0) -

            System.out.println("You entered " + mark);

        } //loop ends

    } //main
}
```

```
Enter a mark (e.g. 70 or -999 to quit) > 66
You entered 66.0
Enter a mark (e.g. 70 or -999 to quit) > 101
Enter a mark (e.g. 70 or -999 to quit) > -1
Enter a mark (e.g. 70 or -999 to quit) > -999
```