1-What are the different loops JavaScript provides us with?

the different types of loops javascript provides us with is
1)While Loop
2) Do While Loop
3)for loop

2-What is the syntax of one of the loops in your above answer? How and when should you use this loop? Give an example.

while loops syntax are as follows below :
1.   while (condition)
2.   {
3.   code to be executed
4.   Increment / decrement statement
5.   }
The while loop loops through a block of code as long as a specified condition is true:

3-What is the syntax of another one of the loops in your above answer? How and when should you use this loop? Give an example.

the syntax of a do while loop is similar to the one above but with one extra criteria:
1.do
2.{
3.// code block to be executed
4.}
5.while (condition);
The do/while loop is a variant of the while loop. This loop will execute the code block once, before checking if the condition is true, then it will repeat the loop as long as the condition is true.

4-What is the syntax of another one of the loops in your above answer? How and when should you use this loop? Give an example.

the syntax of a for loop is as follows:

```
1.for (statement 1; statement 2; statement 3) {
2.// code block to be executed
3.}
```

//Statement 1 sets a variable before the loop starts (int i = 0).

//Statement 2 defines the condition for the loop to run (i must be less than 5). If the condition is true, the loop will start over again, if it is false, the loop will end.

//Statement 3 increases a value (i++) each time the code block in the loop has been executed.

When you know exactly how many times you want to loop through a block of code, use the for loop instead of a while loop

5-What is your favorite thing you learned this week?

my favorite thing i learned this week was how to utilize loops efficiently in my programs.