Question 1

There are 2 ways by which a function can be created. These are ;

1. Function declaration
2. Function expression

Function declaration:- here we use the function name alongside the function to declare it.

Syntax: function function\_name(){

Eg: function sayHi(){

}

Function expression:- here we create a function like a variable using let to declare it in a variable name. Here the variable name is the function name.

Syntax: let variable\_name = function(){

Eg: let sayHi=function(){

}

Difference between function declaration and function expression

1. In function declaration, we can call the function before the function is created. this is not possible with function expression.
2. Function declaration code is executed before the executer reaches the line of code, in function expression the code is executed only when the interpreter reaches the code.
3. Using function expression, the function can be called outside the block of code.