

**Q2)Write the difference between var, let and const with code examples.**

In Javascript one can define variables using the keywords *var*, *let* or *const*.

```
var a=10;  
let b=20;const PI=3.14;
```

*var*: The scope of a variable defined with the keyword “var” is limited to the “function” within which it is defined. If it is defined outside any function, the scope of the variable is global.

*var* is “function scoped”.

*let*: The scope of a variable defined with the keyword “let” or “const” is limited to the “block” defined by curly braces i.e. {}.

“let” and “const” are “block scoped”.

*const*: The scope of a variable defined with the keyword “const” is limited to the block defined by curly braces. However if a variable is defined with keyword *const*, it cannot be reassigned.

“const” cannot be re-assigned to a new value. However it CAN be mutated.