Q1 a ) In the imperetive style of programming commonly produces side effects, a function or any expression that modifies

some state or variable outside it's local scope is said to have a side effect.

Side effects tend to occur when a function communicates with the outside elements in the program by any means except the

function parameters for inputs and the return statement for giving the output

Q1 b ) A Named proceedure is a function that does not return any value to the calling statement. It mainly performs some task but does not return values

eg. def restMenu() :

print("Menu Items") #menu items are just representative of the entire menu

A mathematical function computes a value and then returns the value back to the calling statement.

eg. def mult (a,b):

return(a\*b)

Q1 c ) Since named procedures are not going to take in any input or give any outputs, it is easy for them to get out of sync with the rest of the program and this can lead to unwanted errors in the program. This is more true as the code gets longer and longer. Therefore Stored procedures usually have errors.