**Read the following program and answer the questions.**

Declare function **op$**(N$)

Cls

Input “Enter any string”;X$

Print op$(X$)

End

Function op$(N$)

A= len(N$)

While a>1

B$=mid$(n$, a, 1)

Z$=z$+b$

a=a-1

Wend

0p$=z$

End functions

**Questions**

1. What is the name of user defined function?

**Ans**: op$ is the name of the user defined function.

2. List all the parameters used in above program.

**Ans**: Formal parameters are n$. [Parameter in declare statement]

Real or actual parameters are x$. [parameters in call statement]

3. List all the library functions used in above program.

**Ans**: Library functions are: len, mid$ etc.

4. List all the variables used in above program.

Ans: String variables: n$, x$, b$, z$

Numeric variables: a

5. List all the operators used in above program.

**Ans**: Relational operator: =, >=

String operator: +

Arithmetic operator: -

6. Which loop is used in above program?

**Ans**: While .. wend loop is used in above program.

7. What is the purpose of statement op$ = z$?

**Ans**: This statement will return value of z$ to main module.

8. What will happen if we didn’t write a =a-1?

**Ans**: Since a=a-1 is a decrement in while loop so, if we didn’t write a=a-1 then loop will continue for infinite number of time.

9. What is the output of given program when we input pen?

**Ans**: Output: nep