

5TH STNADARD
CHAPTER 4 - DATA TYPES

Holiday Assignment(To be submitted by January 4th 2009)

Fill in the blanks

1. Strings are used to represent _____ information.
2. The variable name is a _____ word defined by the programmer.
3. A \$ sign at the end of the variable name indicates a _____ variable.
4. _____ characters are not allowed in the variable name.
5. String constants are enclosed in _____.
6. Every program made up of statements composed of _____ and constants.
7. A _____ is a value that cannot change during execution of a program.
8. Integer constants are _____ numbers.
9. Real constants can be _____ or _____ numbers.

State true or false

1. Strings with no characters are also permitted. _____
2. The variable name is not a user defined word. _____
3. Real variables store the real constants. _____
4. B.M is a valid variable name. _____
5. The length of the variable name may go up to 26 characters. _____

Answer the following –

1. What is a null string?
2. Write any one difference between integer and real variable?
3. Write example for string, integer and real variables?
4. Define a variable?
5. What are the 3 rules for defining variable names?

WRITE PROGRAMS FOR:

1. WAP to store and print any 2 subject names and marks obtained in them.
2. WAP to store numbers 3, 6 and 2 in real variables and print their sum and product.
3. WAP to store the cost of a pen (12.5) in an integer variable and print the cost of 4 pens.
4. WAP to store the names and age of two of your friends and print them.
5. WAP to store and print your name and phone number.

ASSIGN THE FOLLOWING VALUES(CONSTANTS) TO PROPER VARIABLES USING THE VARIABLE NAMES:

Eg: rat Ans: 10 LET A\$="rat"

1. AB123 _____
2. 34.56 _____
3. 1234XY* _____
4. 90% _____
5. 56 _____
6. Dhs. 12 _____
7. 39 _____
8. 98.67 _____

IDENTIFY THE ERRORS IN THE FOLLOWING STATEMENTS AND CORRECT THEM:

1. 10 LET AB%\$ = "PQRST" _____
2. 10 LET CD = "12" _____
3. 15 LET D\$ = 13.46 _____
4. 10 PRINT K = 9 _____
5. 12 PRINT F\$="AAA" _____