

variable types String int double Boolean

Name _____

1. What type of variable would you use to store your name?

String

2. What type of variable would you use to store the number 3.2?

double

3. What type of variable would you use to store your age in years?

int

4. What type of variable would you use to store *true* or *false*.

boolean

5. Write a single line of code that will create a double variable called **bigNum** and store the value 1.56×10^{12} in it.

double bigNum = 1.56 E 12 ;

6. Write a single line of code that will create an integer variable called **luckyNum** and store 7 in it.

int luckyNum = 7 ;

7. Write a single line of code that will create a String variable called **yourName** and store your name in it.

String yourName = "Hags" ;

8. Write a line of code that will declare the variable **count** to be of type int. Don't initialize.

int count ;

9. Write a line of code that initializes the double precision variable **bankBalance** to 136.05. Assume this variable has already been declared.

bank Account = 136.05 ;

10. Which of the following are legal variable names? Circle them!

23Skidoo

Number9

Pizza!

int

doubled

Mr Haas

_cookies

spongeBob!

sponge-bob

sponge_bob

big\$

11. Which of the following is the most acceptable way of naming a variable in Java?

a. GroovyDude

b. GROOVYDUDE

c. groovyDude

d. Groovydude

e. groovy_dude

f. groovydude

12. Comment on the legality of the following two lines of code.

double dist = 1003;

OK - no loss of precision

int alt = 1493.86;

No good! - loss of precision