JAVA STRINGS ASSIGNMENT 3

STRING

1)

**public** **class** string

{

**public** **static** **void** main(String arg[])

{

String str = "Hello World";

System.***out***.println(str.length());

}

}

2)

**public** **class** string

{

**public** **static** **void** main(String arg[])

{

String s1 = "Hello";

String s2 = "How are you?";

System.***out***.println(s1+ " "+s2);

}

}

3) a)

**public** **class** string

{

**public** **static** **void** main(String arg[])

{

String s1 = "Java String pool refers to the collection of Strings which are stored in heap memory";

String s1lower = s1.toLowerCase();

System.***out***.println(s1lower);

}

}

b)

**public** **class** string

{

**public** **static** **void** main(String arg[])

{

String s1 = "Java String pool refers to the collection of Strings which are stored in heap memory";

String s1upper = s1.toUpperCase();

System.***out***.println(s1upper);

}

}

c)

**public** **class** string

{

**public** **static** **void** main(String arg[])

{

String s1 = "Java String pool refers to the collection of Strings which are stored in heap memory";

String rs = s1.replace("a","$");

System.***out***.println(rs);

}

}

d)

**public** **class** string

{

**public** **static** **void** main(String arg[])

{

String s1 = "Java String pool refers to the collection of Strings which are stored in heap memory";

//Boolean str = s1.contains("collection"); //method 2

System.***out***.println("contains sequence 'collection':" +s1.contains("collection")); //method 1

}

}

e)

**public** **class** string

{

**public** **static** **void** main(String arg[])

{

String s1 = "Java String pool refers to the collection of Strings which are stored in heap memory";

String s2 = "java string pool refers to the collection of strings which are stored in heap memory";

System.***out***.println(s1.equals(s2));

}

}

f)

**public** **class** string

{

**public** **static** **void** main(String arg[])

{

String s1 = "Java String pool refers to the collection of Strings which are stored in heap memory";

String s2 = "java string pool refers to the collection of strings which are stored in heap memory";

System.***out***.println(s1==s2);

}

}

STRING BUFFER

1)

**public** **class** stringbuffer

{

**public** **static** **void** main(String arg[])

{

StringBuffer s1 = **new** StringBuffer("StringBuffer ");

s1.append("is a peer class of String ");

s1.append("that provides much of ");

s1.append("the functionality of strings");

System.***out***.println(s1);

}

}

2)

**public** **class** stringbuffer

{

**public** **static** **void** main(String arg[])

{

StringBuffer s1 = **new** StringBuffer("It is used to \_ at the specified index position");

s1.insert(14, "Insert text");

System.***out***.println(s1);

}

}

3)

**public** **class** stringbuffer

{

**public** **static** **void** main(String arg[])

{

StringBuffer s1 = **new** StringBuffer("the method returns the reversed object on which it was called");

s1.reverse();

System.***out***.println(s1);

}

}

STRING BUILDER

1)

**public** **class** stringbuilder

{

**public** **static** **void** main(String arg[])

{

StringBuilder s1 = **new** StringBuilder("StringBuilder ");

s1.append("is a peer class of String ");

s1.append("that provides much of ");

s1.append("the functionality of strings");

System.***out***.println(s1);

}

}

2)

**public** **class** stringbuilder

{

**public** **static** **void** main(String arg[])

{

StringBuilder s1 = **new** StringBuilder("It is used to \_ at the specified index position");

s1.insert(14, "Insert text");

System.***out***.println(s1);

}

}

3)

**public** **class** stringbuilder

{

**public** **static** **void** main(String arg[])

{

StringBuilder s1 = **new** StringBuilder("the method returns the reversed object on which it was called");

s1.reverse();

System.***out***.println(s1);

}

}