Q1. How do you type cast a double into an int?

Change the code to int var=0; var3=(int) 5.0;

Q2. How do you declare an array of int that goes from 10 to 1?

**int**[] arri0 = {10, 9, 8, 7, 6, 5, 4, 3, 2, 1};

Q3.What scope is the variable temp declared in? Where do you need it to be declared if it needs to be used for if-clause and else-clause?

The code need to add int on temp=1 on else statement.

Q4.What scope does the variable total/ belongs in?

i in for loop should rename to other.

Q5.What gets print out as “i value is X”? And why is it that value?

None because value of i is not string.

Q6. What is the logical error in the above code?

This is the logical error because name of “Monterey” should be remain same but since the code showing “Jack = Monterey” that confused to read. I add the code of jack= new Cheese(“Jack”); to fix the logical error.

Q7. How many pointers and objects are created in your fixed version?

Two pointers for jack and Monterey.

Q8.What parts are redundant?

“Second is Less than” and “Second is Greater or equal” are redundant.

Q9.How do reduce it or combine it so we have no redundancy?

So, we could make pointer for var1, var2 ,and var3 and we could make 2 if statement to call each situation.

Q10. Suppose we want to print out the first number the user entered after all three lines. How can we figure what the first number was? Add the println statement to print the number out.

We could figure out by looking at the array number and last number.

Q11. Give two distinct characteristic of a constructor.

Constructor can be overloaded. Constructor can be private.

Q12. What is the purpose of ‘.’in System.out.println or dlis[1].display();?  
So, it can called the method of display that is class, also display called by void.

Q13. What happens if you swap the order of the two lines? (and why?)

It gives me error because in Dummy class, the Dummy come first and display come later.

Also, Dummy is public Dummy but display is public void display. Void should be come after public class.