

Ch-5: ADVANCED PROGRAMMING CONCEPTS

1. Find the output of the code below:

```
double n, rn;  
n=Double.parseDouble(jTextField1.getText());  
rn=Math.round(n*10)/10.0;  
jTextField2.setText(Double.toString(rn));
```

2. What is inheritance? Discuss its various forms.

3. Define Base class and Derived class. How are these related?

4. What does round () return if a negative float value is passed to it?

5. What are use of pow () and round () method of math library, with an example?

6. What is the difference between equals() and equalIgnorecase() string functions?

7. What is the difference between length() and capacity() string functions?

8. Which command creates a package in java?