Important question of OOP with Java for 2ⁿᵈ year (midterm)

1) What is Java Language and difference between other language?
2) What is OOP and write names of basic pillars of OOP.
3) What difference between the binary and unary operators?
4) What is difference between structure and Object Oriented programming.
5) What is Net Beans or eclipse?
6) Name and describe the data type in Java diagram form.
7) What is inheritance and type of inheritance
8) Write Java code to display your Roll Number, Course Name and Technology Name on the console screen by using Net Bean Environment.
9) What is constructors and its types.
10) What function of break and continue keyword/statement and where we can use it?
11) What is difference between in widening and narrowing type casting in java languages?
12) What is polymorphisms.
13) What difference between the class and object?
14) Write a switch statement that output messages indicating what day has been numerically input (for example 1-> Monday, 2-> Tuesday, 3-> Wednesday...) output as following

   Output
   Enter Any Number [1-7]: 3 ⇓ Enter
   Today is Wednesday