Question 1:

Explain the difference between dynamic polymorphism and dynamic binding?

Ans- a). Dynamic polymorphism is **a process or mechanism in which a call to an overridden method is to resolve at runtime rather than compile-time**. It is also known as runtime polymorphism or dynamic method dispatch. We can achieve dynamic polymorphism by using the method overriding.

b). **When the compiler resolves the method call binding during the execution of the program**, such a process is known as Dynamic or Late Binding in Java. We also call Dynamic binding as Late Binding because binding takes place during the actual execution of the program.