Name- Vasu Pant
Roll no → 2001162
Sec → B
Course → MCA
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Ans 1

Compile time Polymo	Run time Polymo.
1 Compile time polymorphism means binding is occuring at compile time	Run time polymorphism where at run time we came to know which method is going to invoke
2 It can be achieved through static binding	It can be achieved through dynamic binding
3 Inheritance is not involved	Inheritance is involved
4 Eg → Method overloading is an example of compile time Polymorphism	Method overriding is an example of runtime polymorphism

Program 1

```
public class Main
 {
  public static void main (String [] args)
  {
   square Area (Float. parse Float (args [0]));
   circle Area (Float. parse Float (args [2]));
triangle Area (Float. parse float (args[0]), Float. parse
 Float (args [1]));
rectangle Area (Float.parse Float (args[0], Float.parse float
 (args [1]));
  }
   stat. static void square Area (float val)
{
System. out. println ("square Area:" + (val* val));
}
static void circle Area (float val)
{
System.out.println ("circle Area:" + (3.14* val* val));
  }
static void triangle Area (float h, float b)
{
 System. out. println ("triangle Area: "+ (0.5*h*b));
}
 static void rectangle Area (float len, float br)
  {
  System. out. println(" rectangle Area: "+ (len* br));
 }
}
```