Assignment-2 → IT-22057

* In Java, both interbace and abstruct method are typically using dynamic programmin

Explain: In Java, both interbace and abstruct class method are typically invoked dynamic dispatch which means the JVM looks up the actual method implementation at runtime based on the project type whether the method is declared in an interface or a abstruct class, the JVM uses similar mechanism (like virtual method tables or interbace method box dispatch

No, invoking interbace method is not memgully slower than invoking method from abstruct class

Code:-

```
interbace Animal{
      ~~voidSound~~   void makeSound();
   }

class Dog implements Animal{
    public ~~class~~ void makeSound(){
System.out.println("Dog Says: woof");
}
}

abstruct class ~~Vehi~~ vehicle{
  abstruct void startEngine();
}

class car extends Vechicle{
  void startEngine(){
System.out.println("Car engine started
}
}
class Car extends vehicle }
        }
 public class main()
  public static void main( String[] args) }
   Animal myDog = new Dog();
    my Dog.makeSound ();
     ~~Veh~~ vehicle myCar = new Car();
     myCar.startEngine();
   }
  }
```