SUBMITTED BY: -

KANISHK

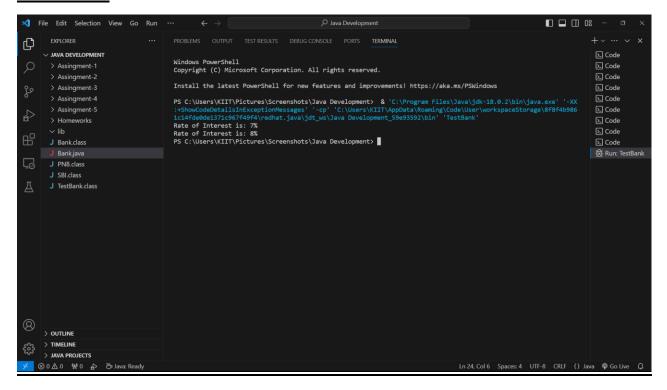
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CSE-37

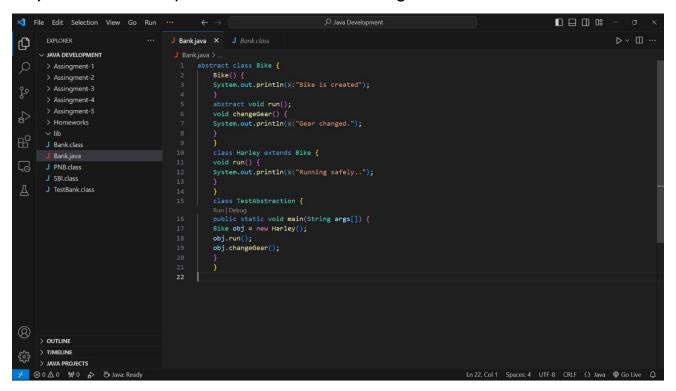
Q1-Write an example to demonstrate the usage of abstract' class to get details of a specific bank.

```
刘 File Edit Selection View Go Run …
                                                                                                                                                                                          J Bank.java X J Bank.class
0
       V JAVA DEVELOPMENT
        > Assinament-1
         > Assingment-2
                                                                  abstract int getRateOfInterest();
         > Assingment-3
                                                                   class SBI extends Bank {
int getRateOfInterest() {
         > Assingment-4
         > Assingment-5
         > Homeworks
                                                                  class PNB extends Bank {
int getRateOfInterest() {
        J Bank.class
                                                                   return 8;
        J PNB.class
         J TestBank.class
                                                                   public static void main(String[] args) {
Bank b;
b = new SBI();
System.out.println("Rate of Interest is: " + b.getRateOfInterest()
+ "%");
b = new PNB();
System.out.println("Rate of Interest is: " + b.getRateOfInterest()
       > OUTLINE
      > TIMELINE
       > JAVA PROJECTS
 Ln 24, Col 6 Spaces: 4 UTF-8 CRLF {} Java @ Go Live
```

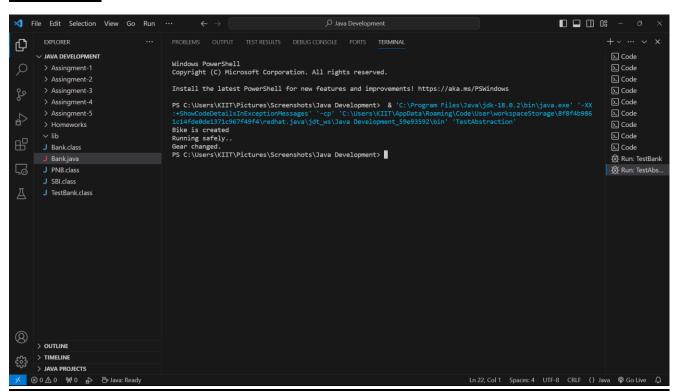
OUTPUT: -



Q2)- Write an example to demonstrate the usage of 'abstract' class.



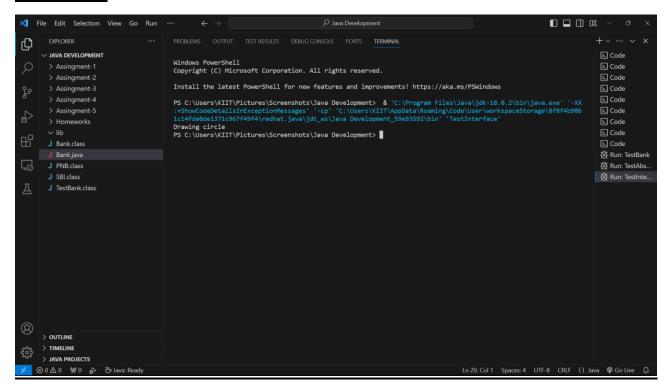
OUTPUT: -



Q3) Write a program in Java to demonstrate the usage of Java interfaces.

```
刘 File Edit Selection View Go Run …
                                                                                                                                                      J Bank.java X J Bank.class
      V JAVA DEVELOPMENT
                                                  interface Drawable {
                                                      void draw();
       > Assingment-2
       > Assingment-3
                                                      class Rectangle implements Drawable {
                                                      public void draw() {
System.out.println(x:"Drawing rectangle");
       > Homeworks
      J Bank.class
                                                      public void draw() {
System.out.println(x:"Drawing circle");
       J Bank.java
       J PNB.class
       J SBI.class
      J TestBank.class
                                                      public static void main(String[] args) {
                                                      Drawable d = new Circle();
     > OUTLINE
     > TIMELINE
      > JAVA PROJECTS
```

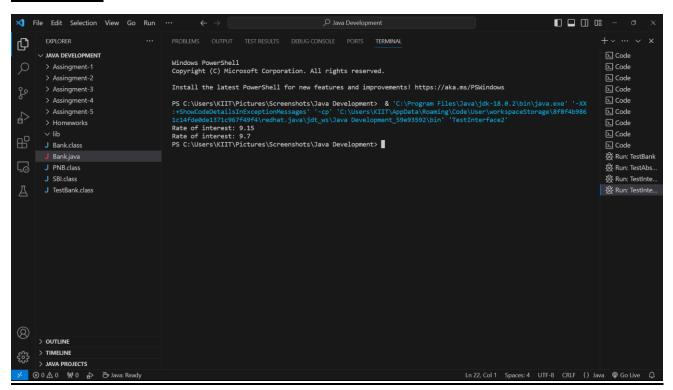
OUTPUT: -



Q4) Write a program in Java to demonstrate the usage of 'interface' to get the rate of interest of a specific bank.

```
刘 File Edit Selection View Go Run …
                                                                                                                                                                           EXPLORER
                                               J Bank.java X J Bank.class
       V JAVA DEVELOPMENT
                                                        interface Bank (
       > Assingment-1
                                                             float rateOfInterest();
        > Assingment-2
        > Assingment-3
        > Assingment-4
                                                             public float rateOfInterest() {
return 9.15f;
        > Assingment-5
        > Homeworks
        ∨ lib
       J Bank.class
                                                             public float rateOfInterest() {
  return 9.7f;
       J Bank.java
       J PNB.class
        J SBI class
       J TestBank.class
                                                             Bank sbi = new SBI();
Bank pnb = new PNB();
                                                             System.out.println("Rate of interest: " + sbi.rateOfInterest());
System.out.println("Rate of interest: " + pnb.rateOfInterest());
      > OUTLINE
      > TIMELINE
       > JAVA PROJECTS
     ⊗ 0 🛕 0 🙀 0 🚓 🖰 Java: Read
```

OUTPUT: -



Q5) Write a program in Java to demonstrate the usage of 'default' method inside an interface.

```
🖈 File Edit Selection View Go Run …
                                                                                                                                                                   ··· J Bank.java X J Bank.class
Ф
      V JAVA DEVELOPMENT
        > Assingment-1
                                                      interface Drawable {
                                                         void draw();
default void msg() {
        > Assingment-2
        > Assingment-3
                                                           System.out.println(x:"Default method");
        > Assingment-4
        > Assingment-5
                                                          class Rectangle implements Drawable {
public void draw() {
System.out.println(x:"Drawing rectangle");
       J Bank.class
        J PNB.class
                                                           class TestInterfaceDefault [
        J SBLclass
                                                          Run|Debug
public static void main(String[] args) {
Drawable d = new Rectangle();
        J TestBank class
                                                          d.msg();
                                                18
      > OUTLINE
> TIMELINE
      > JAVA PROJECTS
🗴 🛇 0 🛕 0 🕍 0 🏚 🏲 Java: Ready
                                                                                                                                       Ln 18, Col 2 Spaces: 4 UTF-8 CRLF {} Java @ Go Live Q
```

OUTPUT: -

