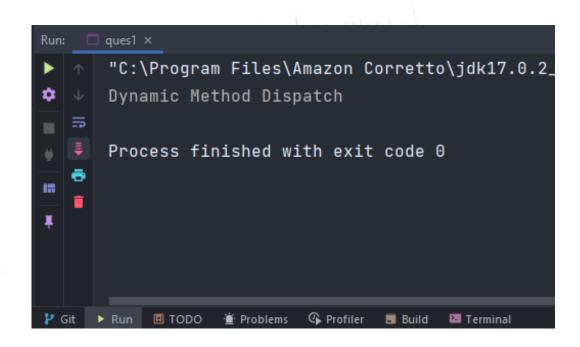
Name Nikhil Grupta ROUNO. 20051523 Botch CSE-06 Brounch CSE Rubject Web Tech Appignment 8 Dymnic Method Dispotch class Figst void point () { System. out. pecintln ("Figst Start Class"); class Derived extends Figst & void point () { System. out. print Li ("Dynamic Method Dispotch"); public class ques / { public static void main (Storing [] args) {

Figst fig;

fin= new derived (); fin.perint ();

3

3



Jues 2

imposet java. util. Scanner;

public closes ques 2 {

public static void Amain (Staring [] angs) {
Scanner scanner = new Scanner (System.in),
Person aur [] = new Person [5];
for (int i = 0; i < 2; i++) {
over [i] = new Person ()

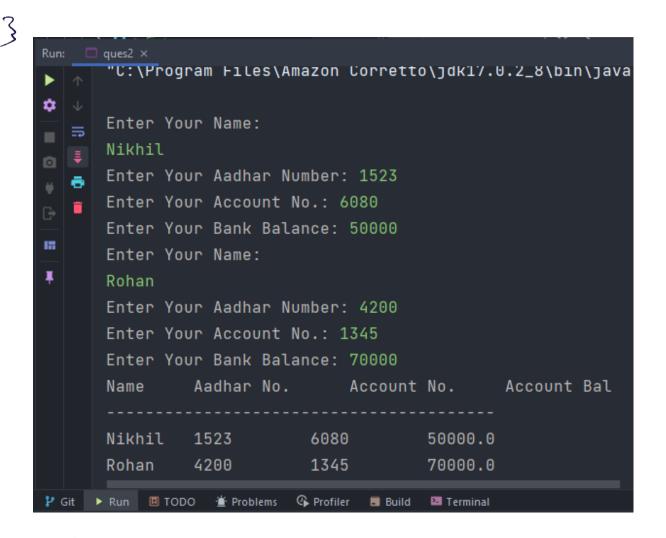
```
System. out. point Ln ("Enter Your Name:");
 aver [i] name = se nextline();
System. out. print Ln ("Enter Your Arolhan No.: ");
 are[i]. aadharNo = 8c. next Int ();
System. out. point In ("Enter Your Account No.:");
  ana.[i] accNo=8c. nexthat();
System. out . pocint Ln ("Enter Your Bank Balance: ");
  999[i]. balouce = &c. nextlut();
System. out. porint Ly ("Name It Andhor No. It
           Account No. \t Account Bal ");
 plines(80);
for (int i=0; i<2; i++) {
      avor [i]. display ();
```

```
public static void plines (int lines)
      for (int i=0; i < lines; i++)
        System. out. print ("-");
      System. out. paint In ("");
class Account {
      int accNo;
     int balance;
     void display() {
          System. out. point Ln ("Account No.: "tace No);
         Systam. out. println ("Balance: " + balance);
```

```
class Person extends Acount E
Storing name;
int andhayNo;
Person() {
```

3 void Bdisplay() {

System.out. pointln (Name + " \ t " + AadharNo+
" \ t " + accNo + " \ t " + balance);



```
Jue 3
  class Animal &
       System. out. println ("I am an acimal");
     Animal (Steeing type) {
          System. out. porintln ("Type: "+ type);
        Dog extends Animal {
         Dog () {
            Super ("Animal");
           System.out.pouintln("I am a Dog");
 public class ques 3 {
          public static void main (steing [] args) {
```

```
Dog dog 1 = new Dog();
```

Jues 4

3

class A {
int P() }

getween 0;

3

3

closs B extends A &

public static void int P() { return 5;

3

```
class C extends A {

protected int PC) {

return 6;
}
```

public class quest {

public 8tatic void main (8toring[] angs) {

A obj! = new A();

B obj2 = new B();

c obj3 = new c();

System.out.pointln ("Pusing perionally" + obil. P());
System.out.pointln ("Pusing public: "+obj2.P());
System.out.pointln ("Pusing porotected:"+obj3.P());
System.out.pointln ("Private Access Modifier Council be
Accessed");

Run: ques4 ×

The contraction of the contraction of

Jug 5

```
Public & class Abstract Demo
   public static void main (Stering [] angs)
     Shape Shape;
     Cirde crol = new Cirde ();
     Shape = crol;
     Shape. set Values (5),
    System. out. println ("Agrea of Cincle:" +
                            Shape (get Doval)),
     Square 82 = new Square ();
     Shope= 89.
     Shope. Bet Values (5);
     System. out. pount In ("Down of Square:" +
                      Shope. get Drea()):
     Triangle tri = new Triangle ();
     Shape = tou;
    8 hape. set Values (5);
    System. out. point Ln ("Area of Tourangle: " + Shape.
                                   get Area())i
```

```
public abstract class Shape
    private double nadius;
    public void setValues (double nadius)
    this. nadius = nadius;
    public double get Radius ()
    return radius;
    public abstract double get Drua ();
public class Square extends Shape
 Epublic double get Deven ()
     gretuurn get Radius () * get Radius ();
```

```
Public class Triangle ordande Shape {
      Public double get Drea ()
     return Math. Sport (3) * 0.25 * get (Bod get Radiis() *
                           get Rodius ();
   3
public class Circle extends Shape
    public double get Deva ()
   getween Math. PI * (getRadius () * get Radius ());
   3
3
```

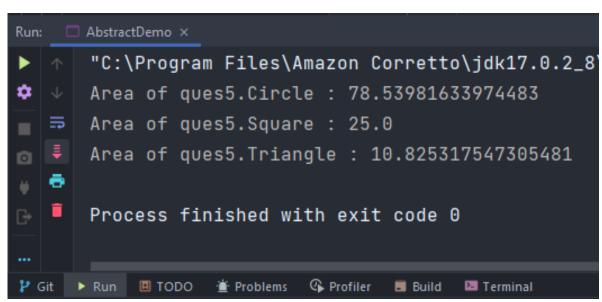
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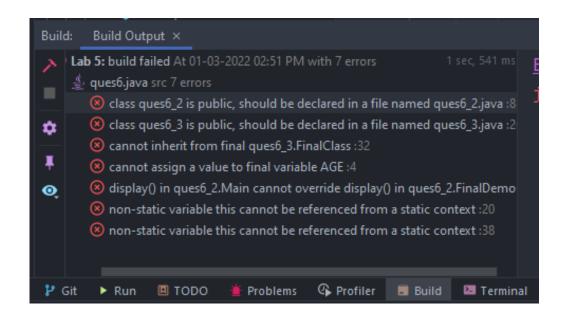
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mental **



Ques 6 public doss ques 6_ 1 { public static void main (Storing [] angs) { final int age = 18; age = 15; System. out. perint Ln ("Age is: " + Bage); 2) public class ques 6-2 { class Final Damo & public find void display () { System. out. perintly ("Final Method") class Main extends Final Demo { public final void display () { System. out. pourten ("Overidden Final

```
Public Static void main (Storing [] angs) {
           Main obj = new Main ();
          obi display();
public class ques 6_3 {
    final class Final &
         public void display () {
             System. out. paintly ("Find Method");
  class Main extends Final Class &
          public void display () {
             System. out. Prperint Lis ("Final Method
                                       overyddon");
    public static void main (8 taing[] angs) {
          Main obj = new Main ();
           obj. display();
```



Jues 7

Public class ques 7 { public static void main (storing[] args) { Object object_doil = new Object (); System. out. pount in (object_obj 1. to Storing()); Object diject-obj2= new Object (); System. out. pourthobject_obj2, to8touing()); Object object_obj3 = new Object(); System. out. psintly (object_obj 3. to Storing (1); Object object_dij4 = now Object(); 8 yetem out paint in (object-obj4. to 8 taing());

Ques 8

abstract class student &

double Reg No = 1234;

double RollNo = 523;

abstract void course ();

Class killiam extends student {

Void course() {

System. out. println("ROUNO." + OUNO);

System. out. println("Reg No:" + Reg No);

public class ques 8 {

public static void main (Stowing [] orgs) {

Student stu = new kiitian ();

Sty. course ();

,

