## 23BAI1117 - BCSE103E - Java 13/08/2024 - Day8

https://github.com/sriram-s-23BAI1117/javap

1)

```
PS E:\Day8-13-08-24> & 'C:\Program Firs\student.PROGRAMMING404\AppData\Roan John
```

```
J InheritEx1_1.java > ...

1   public class InheritEx1_1 {    //vechicle

2          protected String brand = "Ford";

3          public void honk(){

4                System.out.println(x:"Tuut, tuut!");

5          }

6   }
```

```
PS E:\Day8-13-08-24> & 'C:\Program Files age\51fa10e7982341c9895d73dd5b62c2a3\redb
Tuut, tuut!
Ford Mustang
```

```
J PolyEx1.java > ...
      class Animal { //PolyEx1
          public void animalSound(){
              System.out.println(x:"The animal makes a sound");
      class Pig extends Animal{
          public void animalSound(){
              System.out.println(x:"The pig says: wee wee");
11
12
      class Dog extends Animal{
13
          public void animalSound(){
              System.out.println(x:"The dog says: bow bow");
15
17
      public class PolyEx1{
          Run | Debug
          public static void main(String[] args) {
21
              Animal myAnimal = new Animal();
22
              Animal myPig = new Pig();
23
              Animal myDog = new Dog();
25
              myAnimal.animalSound();
              myPig.animalSound();
              myDog.animalSound();
```

```
PS E:\Day8-13-08-24> & 'C:\Program Files\Jav
341c9895d73dd5b62c2a3\redhat.java\jdt_ws\Day8
The animal makes a sound
The pig says: wee wee
The dog says: bow bow
```

```
PS E:\Day8-13-08-24> & 'C:\Program Files\Java\jdk1.
'-cp' 'C:\Users\student.PROGRAMMING404\AppData\Roam
0b33\bin' 'PolyEx2'
15
```

5)

```
E:\Day8-13-08-24>java PolyEx3
5
```

6)

```
E:\Day8-13-08-24>java PolyEx4
10
```

```
J PolyEx5.java > ...
      abstract class Animal {
          public abstract void animalSound();
          public void sleep(){
              System.out.println(x:"Zzz");
      class Pig extends Animal{
          public void animalSound(){
              System.out.println(x:"The pig says: wee wee");
11
12
13
      public class PolyEx5 {
          Run | Debug
          public static void main(String[] args) {
15
              Pig myPig = new Pig();
17
              myPig.animalSound();
              myPig.sleep();
19
```

```
PS E:\Day8-13-08-24> java PolyEx5
The pig says: wee wee
Zzz
```

```
J InterfaceEx1.java > ...
      interface Animal {
          public void animalSound();
          public void sleep();
      class Pig implements Animal{
          public void animalSound(){
              System.out.println(x:"The pig says: wee wee");
          public void sleep(){
              System.out.println(x:"Zzz");
11
12
13
      public class InterfaceEx1 {
          Run | Debug
          public static void main(String[] args) {
15
              Pig mPig = new Pig();
              mPig.animalSound();
17
              mPig.sleep();
19
```

```
PS E:\Day8-13-08-24> java InterfaceEx1
The pig says: wee wee
Zzz
```