Program Coding:

```java
package assignment1;

/**
 *
 * @author ABDUL RAFEH
 */
abstract class Menu {

    String name = "ABDUL RAFEH";
    String isOpen;

    public abstract void select();

    public abstract void move();

    public abstract void rotate();

    public void open() {
        System.out.println("This open comes from class Menu with assist of abstraction");
    }

}

class View extends Menu {

    String no_of_obj;
    String Selected;

    public void select() {
        System.out.println("This select comes from class Menu with assist of abstraction");
    }

    public void move() {
        System.out.println("This move comes from class Menu with assist of abstraction");
    }

    public void rotate() {
        System.out.println("This rotate comes from class Menu with assist of abstraction");
    }

    public void add() {
        System.out.println("This add comes from class View");
    }

    public void remove() {
        System.out.println("This remove comes from class View");
```

```java
        }

    public void group() {
        System.out.println("This group comes from class View");
    }

    public void show() {
        System.out.println("This show comes from class View");
    }

    public void select(String s) {
        System.out.println(s);
    }

    public void move(String s) {
        System.out.println(s);
    }

    public void rotate(String s) {
        System.out.println(s);
    }

}

class Shape extends Menu {

    String color = "Red";
    int vertices;

    public void select() {
        System.out.println("This select comes from class Shape with assist of abstraction");
    }

    public void move() {
        System.out.println("This move comes from class Shape with assist of abstraction");
    }

    public void rotate() {
        System.out.println("This rotate comes from class Shape with assist of abstraction");
    }

    public void draw() {
        System.out.println("This draw comes from Shape Class");
    };
}

abstract class Groups {
    int no_of_obj;

    public abstract void draw();
```

```java
    }

    class G1 extends Groups {
      public void draw() {
        System.out.println("This draw comes from Class Group");
      }
    }

    class Triangle extends Groups {
      int angle;

      public void draw() {
        System.out.println("This draw comes from Class Triangle with assist of abstraction");
      }
    }

    class Circle extends Groups {
      int radius;

      public void draw() {
        System.out.println("This draw comes from Class Circle with assist of abstraction");
      }
    }

    class Line extends Groups {
      int length;

      public void draw() {
        System.out.println("This draw comes from Class Line with assist of abstraction");
      }
    }

    class Assignment1 {
      public static void main(String[] args) {
        View arv = new View();
        arv.select();
        arv.move();
        arv.rotate();
        arv.open();
        arv.add();
        arv.remove();
        arv.group();
        arv.show();
        arv.select("This Select comes from Class View only");
        arv.move("This Move comes from Class View only");
        arv.rotate("This Rotate comes from Class View only");

        Shape ars = new Shape();
        ars.draw();
        ars.select();
```

```java
        ars.move();
    ars.rotate();

    G1 arg = new G1();
    arg.draw();

    Triangle art = new Triangle();
    art.draw();

    Circle arc = new Circle();
    arc.draw();

    Line arl = new Line();
    arl.draw();

    }
}
```

Output: