

1. Write a program to show the working of Dynamic method dispatch?

```
class ABC{
    public void disp(){
        System.out.println("disp() method of parent class");
    }
    public void abc(){
        System.out.println("abc() method of parent class");
    }
}
class Test extends ABC{
    public void disp(){
        System.out.println("disp() method of Child class");
    }
    public void xyz(){
        System.out.println("xyz() method of Child class");
    }
}
class DynamicDesp{
    public static void main( String args[]) {
        //Parent class reference to child class object
        ABC t1=new ABC();
        Test obj = new Test();
        ABC a1;
        a1=t1;
        a1.disp();
        a1.abc();
        a1=obj;
        a1.disp();
        a1.abc();

    }
}
```