

1.what is the out put below code snippet

```
class Program
{
    static void Main(string[] args)
    {
        Action<int, int> act = (a, b) =>
        {
            Console.Write(a % b);
        };
        Action<string> str = (msg)=>
        {
            Console.Write(msg);
        };
        act.Invoke(2, 2);
        str.Invoke("hello");
        Console.Read();
    }
}
```

a.0 and hi

b.1 and hello

c.1 hi

d.0 hello

---3.how to unsubscribe to instagram

```
namespace ConsoleApp2
{
    public delegate string myevent(string event_messege);
    class Program
```

```

{
    public static event myevent obj;

    public string whatssup(string messege)
    {
        return "subscribed to"+" "+messege+" "+"ENJOY ENCRYPTION POINT TO
POINT" ;
    }

    public string instagram(string messege)
    {
        return "subscribed to" +" "+messege+" "+"WELCOME TO USER CONTENT ";
    }

    static void Main(string[] args)
    {
        Program p = new Program();
        obj= new myevent(p.whatssup);
        obj += new myevent(p.instagram);
        Console.WriteLine(obj.Invoke("whatssup"));
        Console.WriteLine(obj.Invoke("instagram"));
        Console.WriteLine("-----");
        Console.Read();

    }
}

a.obj-=new myevent(p.instagram)

```

b.obj-=p.instagram()
c.obj(insgram)
d.none of the above

```
3.  class Class1
    {
        public static void Main(string[] args)
        {
            Func<int,bool> fs = (a)=>{
                bool b;
                if (a % 2 == 0)
                    b = true;
                else
                    b = false;
                return b;
            };
            Console.Read();
        }
    }
```

How to invoke function

a.Console.WriteLine(fs.Invoke(5,true));
b.Console.WriteLine(fs.Invoke("true"));
c.Console.WriteLine(fs.Invoke());
d.Console.WriteLine(fs.Invoke(5));

4.what happens if no subscriber subscribe the event

- a.event runs in backend
- b.subscriber gets notification
- c.event will not be invoked
- d.event get disposed

---5.what is the number of output parameter that Action delegate has

- a.one
- b.two
- d.sixteen
- d.none of the above