

```

}
while (!stack1.isEmpty())
{
    stack1.pop(num1);
    stack2.push(num1);

    if(!stack1.isEmpty())
    {
        stack1.pop(num1);
        stack3.push(num1);
    }
}
while (!stack2.isEmpty() || !stack3.isEmpty())
{

    if(a%2==0){stack2.pop(num1);stack1.push(
num1);a++;}
    if (!stack3.isEmpty())
    {
        stack3.pop(num1);
        stack1.push(num1);
    }
    if(!stack2.isEmpty())
    {
        stack2.pop(num1);
        stack1.push(num1);
    }
}
}

```