

(1) What is the output by calling produce(7)? [4 Marks]

(2) Rewrite the method using iteration instead. [8 Marks]

```
int produce(num)
```

```
{
```

```
    if (num > 10). return 0;
    int i = 10;
    int sum = 10;
    while (i >= num)
    {
        sum = i + sum;
        i--;
    }
}
```

```
}
```