

```
boolean ssRec(Int[] A, int i, int r)
```

```
    if  $r == 0$  then
```

```
        return true
```

```
    else if  $i == 0$  then
```

```
        return false
```

```
    else if  $A[i] > r$  then
```

```
        return ssRec( $A, i - 1, r$ )
```

```
    else
```

```
        return ssRec( $A, i - 1, r$ ) or ssRec( $A, i - 1, r - A[i]$ )
```

```
    return  $res$ 
```