# Assignment 2 (PPL) (141903003)(Recursion)

rsp0 (0x7fffffffdfd8)

### rsp (reverseincrementof rsp when function returns)

(0x7fffffffdfd0)

**rsp1, rbp1**

(0x7fffffffdfcc)

(0x7fffffffdfc8)

(0x7fffffffdfc4) (0x7fffffffdfc0)

(0x7fffffffdfb8)

(0x7fffffffdfb0)

**6**

**3**

**rsp2 rsp3**

rbp (reverse increment of rbp when function returns)

**rsp4, rbp2**

.

.

(0x7fffffffdfa0)

**rsp5**

(0x7fffffffdf98)

## rsp6

(0x7fffffffdf90)

## rsp7, rbp3

.

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(0x7fffffffdf80)

## rsp8

(0x7fffffffdf78)

## rsp9

(0x7fffffffdf70)

## rsp10, rbp4

.

.

(0x7fffffffdf60)

## rsp11

.

.

.

(0x5555555546d0) rbp0,rbp5