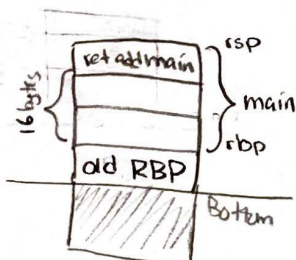


Jonathan Tso  
HW03  
CS261

Problem 1.

Before `foo` is ~~called~~ executing (after call but before execution)

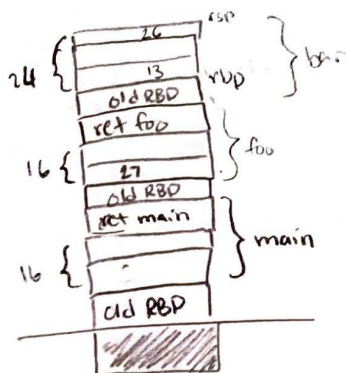


Before `bar` begins execution



Bar = 00

When the most information is on the stack



```
void HW03(long int x, long int y, long int* z) {  
    long int result = x;  
  
    switch(y) {  
        case 13:  
            result = result + 13;  
            break;  
        case 15:  
            result = (((result * 4) * 2) + (2 * result));  
        case 16:  
            result = result + 5;  
            break;  
        case 18:  
            result = result << 1;  
            break;  
        case 20:  
            result = result << 3;  
            break;  
        default: |  
            result = 0;  
    }  
  
    *z = result;  
}  
  
int main() {  
    return 0;  
}
```