Consider the following factorial function:

```c
int fact ( int k)
{
    if ( k == 0) {
        return 1;
    }
    int m = k * fact ( k - 1) ;
    return m;
}

int main ( ) {
    return fact (2) ;
}
```
2. (60 points) For this function, draw the contents of the stack, showing the activation record instance. Draw the stack at its largest extent.