Exercise for week 5

Consider the following code:

```
int y;
int b;

int main()
{
y=6;
b=11;
if y>1 {y = g(y,y-1)};
return 0
};

int g(int b, int a)
{
int y;
if b>1 {y = h(b-1,b) ; y = y*(b-1)} else {y = 1};
return y
};

int h(int b, int a)
{
int y;
if b>1 {y = g(b-1,b); y = y*(b-1)} else {y = 1};
return y
}
```

1. For each configuration C^x below illustrate the $C0$ configuration and the memory map of the MIPS configuration. (40 credit points)
2. For each configuration C^x below specify $ba(y, C^x)$ and $ba(b, C^x)$. (60 credit points)

- C^0 before the first call of g.
- C^1 after the first call of g.
- C^2 after the call of g, h, g.