# 3A

1 int main(int argc, char\* argv[])

2 {

3 int size[536870848];//This is maximum for -m32

4 //-m64 can allow for a much larger array, up to 9 orders of magnitude la rger

5 return 0;

# 3B

**Console output**:

65170

65171

65172

Segmentation fault (core dumped)

**FILE:**

1 #include <stdio.h>

2

3 void recurse(unsigned int i)

4 {

5 printf("%d\n", i);

6 recurse(i+1); // 523756

7 }

8

9 int main()

10 {

11 recurse(0);

12 return 0;