

- A. `double g1(double a, long b, float c, int d);`
Registers: a in %xmm0, b in %rdi, c in %xmm1, d in %esi
- B. `double g2(int a, double *b, float *c, long d);`
Registers: a in %edi, b in %rsi, c in %rdx, d in %rcx
- C. `double g3(double *a, double b, int c, float d);`
Registers: a in %rdi, b in %xmm0, c in %esi, d in %xmm1
- D. `double g4(float a, int *b, float c, double d);`
Registers: a in %xmm0, b in %rdi, c in %xmm1, d in %xmm2