**Question 1 (20 points):** Write MIPS assembly code, using the minimal number of instructions, for each of the C statements below. The code for each of the statements is independent of the code for any other statement. Assume that the C program contains the declarations below.

```
int **records;
int i;
char A[100];
int B[100];
```

Assume that these variables have already been loaded into registers according to the following register usage:

```
$s0: records
$s1: i
$s2: A
$s3: B
```

a. (**5 points**) `A[i] = 'c';`

b. (**5 points**) `A[B[i]] = 0;`

c. (**5 points**) `(*records)[25] = B;`

d. (**5 points**) `A[(*records)[32]] = A[B[10]];`