Name : _____

Give the output of the C program shown below:

Give the output of the C program shown below:

```
#include <stdio.h>
typedef struct item {
     int value;
     struct item *next;
} Item;
int main(void) {
     Item a, b;
     a.value = 1; a.next = &b;
     b.value = 3; b.next = &a;
     Item *ptr = &a;
     for (int z=1; z<5; z++) {
          ptr->value += ptr->next->value;
          ptr = ptr->next;
     }
     printf("%d and %d\n", a.value, b.value);
     return 0;
}
```

Name :

Give the output of the C program shown below:

```
typedef struct item {
    int value;
    struct item *next;
} Item;

int main(void) {
    Item a, b;
    a.value = 2; a.next = &b;
    b.value = 4; b.next = &a;
    Item *ptr = &a;
    for (int z=1; z<5; z++) {
        ptr->value += ptr->next->value;
        ptr = ptr->next;
    }
    printf("%d and %d\n", a.value, b.value);
    return 0;
}
```

Give the output of the C program shown below: