Student ID: _____

Q1   Write the output of the given program and rearrange the code so that it produces      9
the output: **cse-4107**

```c
int main(){
    char c='a', s='-';
    int x=3, y, z=0;
    z = 2*x + 1;
    y = x % y;
    y -= y;
    y++;
    y = (y==z);
    c += y;
    c += y;
    printf("%c",c);
    printf("%c%c%c",'s',c,s);
    printf("%d%d0%d",x+1,y,z);
    return 0;
}
```

**NB: Do not add, modify or delete any given lines, just rearrange them.**

Q2   Write a program that reads a student ID as a single integer value and outputs the      6
lab section the student belongs to. Lab section is determined by the third-from-last
digit (1 or 2) plus A if the ID is odd or B if it's even.
For example: Input 240041254 → output 2B.
**NB: Using conditional statement is prohibited.**