```c
#include <stdio.h>

int main() {
    int M;
    scanf("%d", &M);

    if (M % 3 == 0 && M % 5 == 0) {
        printf("Good Number\n");
    }
    else if (M % 3 == 0) {
        printf("Bad Number\n");
    }
    else if (M % 5 == 0) {
        printf("Poor Number\n");
    }
    else {
        printf("-1\n");
    }

    return 0;
}
```