## **Abundant number**

#include <stdio.h>

#include <string.h>

#include <math.h>

#include <stdlib.h>

int main() {

int num, i, sum = 0;

scanf("%d", &num);

for (i = 1; i <= num / 2; i++) {

if (num % i == 0) {

sum += i;

}

}

if (sum > num) {

printf("Abundant Number\n");

} else {

printf("Not Abundant Number\n");

}

return 0;

}