#include <stdio.h>

int main()

{

int num;

int rem = 0, sum = 0, n;

printf("enter a number",num);

scanf("%d",&num);

n = num;

while(num > 0)

{

rem = num%10;

sum = sum + rem;

num = num/10;

}

if(n%sum == 0)

printf("Harshad Number", n);

else

printf("Not Harshad Number", n);

return 0;

}