#include<stdio.h>

int main()

{

int n,a;

int dig,sum,pro;

printf("\n Enter an integer number:");

scanf("%d",&n);

a=n;

sum=0;

pro=1;

while(n>0)

{

dig=n%10;

sum+=dig;

pro\*=dig;

n=n/10;

}

if(a%sum==0||a%pro==0)

{

printf("HIT.");

}

else

{

printf("MISS.");

}

}

