#include<iostream>

using namespace std;

main()

{

int j=0, state=0;

int table[9][2]= { {5,1},{2,1},{3,2},{3,4},{4,4},{5,6},{6,7},{8,7},{8,8} };

int input;

int flag=0;

char st[10];

cin>>st;

while ( st[j]!='\0')

{

switch( st[j])

{

case 'a' : input = 0; break; //columun

case 'b' : input = 1; break; //columun

}

state = table[state][input];

if(state==4 || state==8)

{

flag = 1;

break;

}

j++;

}

if ( flag==1)

{

cout<<"Accepted";

}

else

{

cout<<"Not Accepted" ;

}

return 0;

}