#include <iostream>

#include <cstring>

using namespace std;

int main()

{

int j=0, state=0;

int table[6][2] = { {0,1}, {1,2}, {2,3}, {3,4} , {4,5}, {5,5} };

int input;

int flag = 0;

char st[100];

gets(st);

while (st[j] != '\0' && (st[j] == 'a' || st[j] == 'b') )

{

switch(st[j])

{

case 'a' :

input=0;

break;

case 'b' :

input=1;

break;

}

state = table[state][input];

// just wanna check the state in every character

// cout<<st[j]<<" State "<<state<<endl;

if(state==5)

{

flag=1;

break;

}

j++;

}

if(flag == 1)

{

cout<<"Accepted"<<endl;

}

else

{

cout<<"Not Accepted"<<endl;

}

return 0;

}