

## Algorithm

Aim: To encrypt a given String by replacing each alphabet with the alphabet at two positions after it.

1). Start

2). main() – s). Input a String and store it in s.

b). String s1="";

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c). for(int i=0;i<s.length();i++)
{
    boolean fla=false;
    boolean fla1=false;

    char ch=s.charAt(i);
    if(Character.isUpperCase(ch))
    {
        fla=true;
    }
    else if(Character.isLowerCase(ch))
    {
        fla=false;
    }
    else
        fla1=true;

    if(fla&&(!fla1))
    {
        int pos=Alpha.indexOf(ch);
        int val=(pos+2)%26;
        char ch1=Alpha.charAt(val);
        s1+=ch1;
    }
    else if(!fla&&(!fla1))
    {
```

```
        int pos=alpha.indexOf(ch);  
        int val=(pos+2)%26;  
        char ch1=alpha.charAt(val);  
        s1+=ch1;  
    }  
    else if(fl1)  
        s1+=ch;  
}
```

```
d). System.out.println("Encrypted String : "+s1);
```

3).Stop