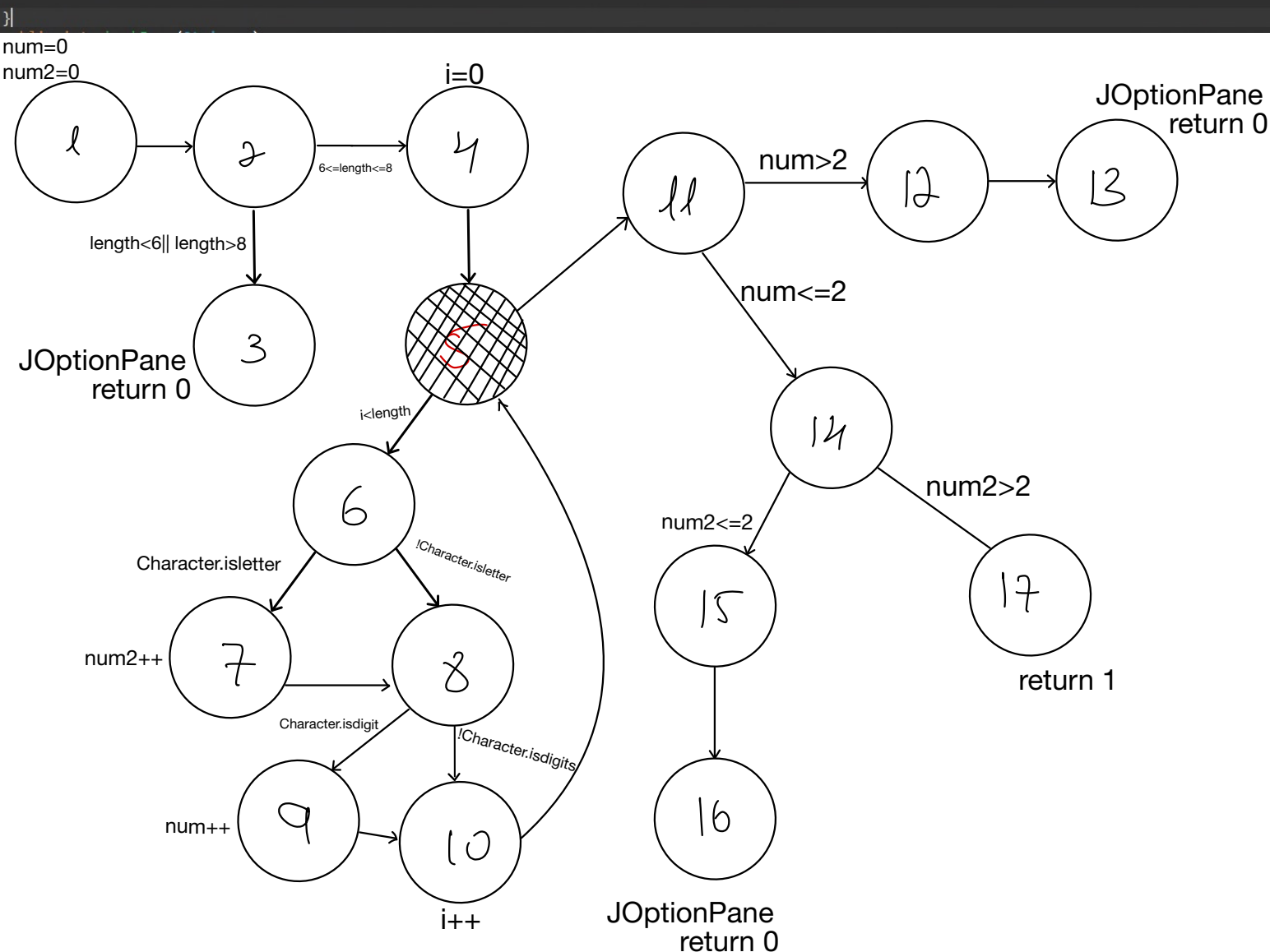


# בחרו 2 פונקציות (של בערך 10 שורות הכוללת לפחות תנאי או לולאה) ולבנות עבורם CFG פונקציה מספר 1

```

public int checkUser(String user) {
    int num=0,num2=0;
    print.Myprinting(user.length()+" is the length");
    if (user.length() < 6 || user.length() > 8)//check length
    {
        JOptionPane.showMessageDialog(null, "username must be between 6-8 characters long","invalid username", JOptionPane.INFORMATION_MESSAGE);
        return 0;
    }
    for (int i=0;i<user.length();i++) //check digits
    {
        char c = user.charAt(i);
        if (Character.isDigit(c))
        {
            num++;
        }
        if (Character.isLetter(c)) {
            num2++;
        }
    }
    if (num>2) {//check digits
        JOptionPane.showMessageDialog(null, "username must contain at maximum 2 digits","invalid username", JOptionPane.INFORMATION_MESSAGE);
        return 0;
    }
    if (num2<=2)
    {
        JOptionPane.showMessageDialog(null, "username must contain at least one letter!","invalid username", JOptionPane.INFORMATION_MESSAGE);
        return 0;
    }
    return 1;
}

```



# פונקציה מספר 2

```

public int checkPass(String p)
{
    int num= 0 ,num2 = 0,num3=0;

    if (p.length() < 8 || p.length() > 10){
        JOptionPane.showMessageDialog(null, "password must be between 8-10 characters long","invalid password", JOptionPane.INFORMATION_MESSAGE);
        return 0;
    }
    for (int i = 0 ;i < p.length(); i++) //check digits
    {
        BOAZ CHECK!!!
        char c = p.charAt(i);
        if (Character.isLetter(c))
        {
            num++;
        }
        if (c == '$' || c == '!' || c == '?' || c == '#')
        {
            num2++;
        }
        if (Character.isDigit(c)) {
            num3++;
        }
    }
    if (num == 0)
    {
        JOptionPane.showMessageDialog(null, "password must contain at least one letter!", "invalid password",JOptionPane.INFORMATION_MESSAGE);
        return 0;
    }
    if (num2 == 0)
    {
        JOptionPane.showMessageDialog(null,"password must contain at least one special char (!, #, $, ?)", "invalid password", JOptionPane.INFORMATION_MESSAGE);
        return 0;
    }
    if (num3==0) {
        JOptionPane.showMessageDialog(null,"password must contain at least one digit","invalid password", JOptionPane.INFORMATION_MESSAGE);
        return 0;
    }
    JOptionPane.showMessageDialog(null,"Doctor added successfully","doctoradded", JOptionPane.INFORMATION_MESSAGE);

    return 1;
}

```

