

Design an algorithm, which tries to find the correct password generated by the system. Afterwards, code the algorithm in Pascal.

Your system will either accept a password from the user or generate a random password (weak(4), medium(6), strong(8))

whose characters consist of

1 only digits

2 only lowercase letters

3 both lowercase letters and digits

4 lowercase letters, digits and uppercase letters

SOLUTION:

İLK ÖNCE ŞİFRE TİPİ VE KARAKTER TİPİ DİZİSİNİN ELAMANLARINI DİZİNİN GÖZLERİNE ATIYORUZ. SONRA KULLANICIDAN ŞİFRE TİPİ VE KARAKTER TİPİ ALIYORUZ VE KULLANICIYA ŞİFRE GİRMEK İSTEYİP İSTEMEDİĞİNİ SORUYORUZ EĞER İSTEMEZSE SİSTEM KENDİ RASGELE ŞİFRE ÜRETİCEK. ŞİFRENİ TAHMİN ETMEK İÇİN İLK ÖNCE KARAKTER TİPİNİ KONTROL EDİYORUZ VE SONRA HANE SAYISINA GÖRE İÇ İÇE DÖNGÜLERLE ŞİFRE ÜRETİYORUZ(KARAKTER TİPİNİ KONTROL ETMEZ İSEK DÖNGÜLERİN BAŞLANGIÇ VE BİTİŞ DEĞERLERİNİ BİLEMEYİZ).

SOURCE CODE:

```
//pt->password type
//ct->character type
//pv->password variable
//cv->character variable
//cp->create password
//rv->random variable
program passwordProgram;
uses sysutils,Crt;
var password,finded,randomString: string;
```

```

passwordType:array[1..100]of string;
characterType:array[1..100]of string;

lwc: array [1..36] of string = ('a', 'b', 'c', 'd', 'e', 'f', 'g', 'h', 'i',
'j', 'k', 'l', 'm', 'n', 'o', 'p', 'q', 'r', 's', 't', 'u', 'v', 'w', 'x', 'y', 'z', '0', '1', '2', '3', '4', '5', '6', '7', '8', '9');

upc:array[1..62] of
string=('A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V','W','X','Y','Z','a', 'b', 'c', 'd',
, 'e', 'f', 'g', 'h', 'i', 'j', 'k', 'l', 'm', 'n', 'o', 'p', 'q', 'r', 's', 't', 'u', 'v', 'w', 'x', 'y', 'z', '0', '1', '2', '3', '4', '5', '6', '7', '8', '9');

pt,ct,pv,cv,cp,rv,r,min,max,ss,dd,ff,gg,hh,qq,ww,ee,w:integer;

j,k,l,m,n,jj,kk,ll:char;

Start,Stop:TDateTime;

begin
textcolor(lightgreen);

Randomize;

//declare elements of passwordType array
passwordType[1]:='1: weak(4)';
passwordType[2]:='2: medium(6)';
passwordType[3]:='3: strong(8)';

//declare elements of characterType array
characterType[1]:='1: only digit';
characterType[2]:='2: only lowercase letters';
characterType[3]:='3: both lowercase letters and digits';
characterType[4]:='4: lowercase letters, digits and uppercase letters';

//user select the password type
writeln('Please select the password type:');

writeln();

//writeln() password types
for pv:=1 to 3 do
begin
writeln(passwordType[pv])
end;

//read password type
writeln();

```

```
readln(pt);
writeln();

//user enter the character type
writeln('Please select the character type:');
writeln();
for cv:=1 to 4 do
begin
    writeln(characterType[cv])
end;
writeln();
readln(ct);
writeln();
//ask user for creating password
writeln('If you want to create password enter 1, otherwise enter 2');
writeln();
readln(cp);
writeln();
//create password
if cp=1 then
begin
    if pt=1 then
    begin
        if ct=1 then
        begin
            readln(password);
        end
        else if ct=2 then
        begin
            readln(password);
        end
    end
end;
```

```
else if ct=3 then
begin
    readln(password);
end
else if ct=4 then
begin
    readln(password);
end;
if length(password)<>4 then
begin
    repeat
        writeln('Please enter 4 digit password');
        readln(password);
    until length(password)=4;
end;
end
else if pt=2 then
begin
    if ct=1 then
    begin
        readln(password);
    end
    else if ct=2 then
    begin
        readln(password);
    end
    else if ct=3 then
    begin
        readln(password);
    end
    else if ct=4 then
```

```
begin
    readln(password);
end;
if length(password)<>6 then
begin
    repeat
        writeln('Please enter 6 digit password');
        readln(password);
    until length(password)=6;
end;
end
else if pt=3 then
begin
    if ct=1 then
begin
        readln(password);
end
    else if ct=2 then
begin
        readln(password);
end
    else if ct=3 then
begin
        readln(password);
end
    else if ct=4 then
begin
        readln(password);
end;
    if length(password)<>8 then
begin
```

```

repeat
    writeln('Please enter 8 digit password');
    readln(password);
until length(password)=8;
end;
end
end
//Creating random password
else if cp=2 then
begin
    //weak password type
    if pt=1 then
    begin
        if ct=1 then
        begin
            for rv:=1 to 4 do
            begin
                min:=48;
                max:=57;
                r:=random((max-min)+1)+min;
                write(char(r));
                randomString:=randomString + char(r);
            end;
        end
    end
    else if ct=2 then
    begin
        for rv:=1 to 4 do
        begin
            min:=97;
            max:=122;
            r:=random((max-min)+1)+min;

```

```

        write(char(r));
        randomString:=randomString + char(r);
    end;
end
else if ct=3 then
begin
    for rv:=1 to 4 do
        begin
            r:=random(length(lwc));
            randomString:=randomString + lwc[r];
            write(lwc[r]);
        end;
    end
else if ct=4 then
begin
    for rv:=1 to 4 do
        begin
            min:=48;
            max:=122;
            r:=random(length(upc));
            write(upc[r]);
            randomString:=randomString + upc[r];
        end;
    end ;
end
//medium password type
else if pt=2 then
begin
    if ct=1 then
        begin
            for rv:=1 to 6 do

```

```

begin
    min:=48;
    max:=57;
    r:=random((max-min)+1)+min;
    write(char(r));
    randomString:=randomString + char(r);
end;
end
else if ct=2 then
begin
    for rv:=1 to 6 do
        begin
            min:=97;
            max:=122;
            r:=random((max-min)+1)+min;
            write(char(r));
            randomString:=randomString + char(r);
        end;
    end
else if ct=3 then
begin
    for rv:=1 to 6 do
        begin
            r:=random(length(lwc));
            randomString:=randomString + lwc[r];
            write(lwc[r]);
        end;
    end
else if ct=4 then
begin
    for rv:=1 to 6 do

```



```

begin
    min:=48;
    max:=122;
    r:=random(length(upc));
    write(upc[r]);
    randomString:=randomString + upc[r];
end;
end ;
end
//strong password type
else if pt=3 then
begin
    if ct=1 then
    begin
        for rv:=1 to 8 do
        begin
            min:=48;
            max:=57;
            r:=random((max-min)+1)+min;
            write(char(r));
            randomString:=randomString + char('r');
        end;
    end
else if ct=2 then
begin
    for rv:=1 to 8 do
    begin
        min:=97;
        max:=122;
        r:=random((max-min)+1)+min;
        write(char(r));

```

```

        randomString:=randomString + char(r);
    end;
end
else if ct=3 then
begin
    for rv:=1 to 8 do
        begin
            r:=random(length(lwc));
            write(lwc[r]);
            randomString:=randomString + lwc[r];
        end;
    end
else if ct=4 then
begin
    for rv:=1 to 8 do
        begin
            min:=48;
            max:=122;
            r:=random(length(upc));
            write(upc[r]);
            randomString:=randomString + upc[r];
        end;
    end ;
end;
writeln();
// program start for finding the password
Start := Now;
w:=0;
if cp=2 then
    password:=randomString;

```

```
if ct=1 then
begin
while finded<>password do
begin
if length(password)=4 then
begin
for j:='0' to '9' do
begin
if finded=password then
break;
for k:='0' to '9' do
begin
if finded=password then
break;
for l:='0' to '9' do
begin
if finded=password then
break;
for m:='0' to '9' do
begin
if finded=password then
break;
finded:=char(j)+char(k)+char(l)+char(m);
write(finded);
w:=w+1;
end;
end;
end;
end;
end
else if length(password)=6 then
```

```
begin
  for j:='0' to '9' do
    begin
      if finded=password then
        break;
      for k:='0' to '9' do
        begin
          if finded=password then
            break;
          for l:='0' to '9' do
            begin
              if finded=password then
                break;
              for m:='0' to '9' do
                begin
                  if finded=password then
                    break;
                  for jj:='0' to '9' do
                    begin
                      if finded=password then
                        break;
                      for kk:='0' to '9' do
                        begin
                          if finded=password then
                            break;
                          finded:=char(j)+char(k)+char(l)+char(m)+char(jj)+char(kk);
                          write(finded);
                          w:=w+1;
                        end;
                      end;
                    end;
                  end;
                end;
              end;
            end;
          end;
        end;
      end;
    end;
  end;
```

```
end;

end;

end;

end

else if length(password)=8 then

begin

for j:='0' to '9' do

begin

if finded=password then

break;

for k:='0' to '9' do

begin

if finded=password then

break;

for l:='0' to '9' do

begin

if finded=password then

break;

for m:='0' to '9' do

begin

if finded=password then

break;

for n:='0' to '9' do

begin

if finded=password then

break;

for jj:='0' to '9' do

begin

if finded=password then

break;

for kk:='0' to '9' do
```

```
begin  
    if finded=password then  
  
        break;  
  
        for ll:='0' to '9' do  
  
            begin  
  
                finded:=char(j)+char(k)+char(l)+char(m)+char(n)+char(jj)+char(kk)+char(ll);  
  
                write(finded);  
  
                w:=w+1;  
  
            end;  
  
        end;  
  
    end;  
  
end;  
  
end;  
  
end;  
  
end;  
  
end;  
  
end  
  
end;  
  
end  
  
else if ct=2 then  
  
begin  
  
if length(password)=4 then  
  
begin  
  
while finded<>password do  
  
begin  
  
for j:='a' to 'z' do  
  
begin  
  
if finded=password then  
  
break;  
  
for k:='a' to 'z' do  
  
begin
```

```
    if finded=password then
        break;
    for l:='a' to 'z' do
        begin
            if finded=password then
                break;
            for m:='a' to 'z' do
                begin
                    if finded=password then
                        break;
                    finded:=char(j)+char(k)+char(l)+char(m);
                    write(finded);
                    w:=w+1;
                end;
            end;
        end;
    end;
end
else if length(password)=6 then
begin
    for j:='a' to 'z' do
        begin
            if finded=password then
                break;
            for k:='a' to 'z' do
                begin
                    if finded=password then
                        break;
                    for l:='a' to 'z' do
                        begin
```

```

    if finded=password then
        break;
    for m:='a' to 'z' do
        begin
            if finded=password then
                break;
            for jj:='a' to 'z' do
                begin
                    if finded=password then
                        break;
                    for kk:='a' to 'z' do
                        begin
                            if finded=password then
                                break;
                            finded:=char(j)+char(k)+char(l)+char(m)+char(jj)+char(kk);
                            write(finded);
                            w:=w+1;
                        end;
                    end;
                end;
            end;
        end;
    end;
else if length(password)=8 then
    begin
        for j:='a' to 'z' do
            begin
                if finded=password then
                    break;
                for k:='a' to 'z' do

```



```
begin
  if finded=password then
    break;
  for l:='a' to 'z' do
    begin
      if finded=password then
        break;
      for m:='a' to 'z' do
        begin
          if finded=password then
            break;
          for jj:='a' to 'z' do
            begin
              if finded=password then
                break;
              for kk:='a' to 'z' do
                begin
                  if finded=password then
                    break;
                  for n:='a' to 'z' do
                    begin
                      if finded=password then
                        break;
                      for ll:='a' to 'z' do
                        begin
                          if finded=password then
                            break;
                          finded:=char(j)+char(k)+char(l)+char(m)+char(jj)+char(kk)+char(n)+char(ll);
                          write(finded);
                          w:=w+1;
                        end;
                      end;
                    end;
                  end;
                end;
              end;
            end;
          end;
        end;
      end;
    end;
  end;
```

```
        end;  
    end;  
end;  
end;  
end;  
end;  
end;  
end;  
end;  
end
```

```
else if ct=3 then
```

```
begin
```

```
while finded<>password do
```

```
begin
```

```
//for weak password type
```

```
if length(password)=4 then
```

```
begin
```

```
for ss:=1 to length(lwc) do
```

```
begin
```

```
if finded=password then
```

```
break;
```

```
for dd:=1 to length(lwc) do
```

```
begin
```

```
if finded=password then
```

```
break;
```

```
for ff:=1 to length(lwc) do
```

```
begin
```

```
if finded=password then
```

```
break;
```

```
for gg:=1 to length(lwc) do
```

```
begin
```



```

    for hh:=1 to length(lwc) do
    begin
        if finded=password then
            break;
        for qq:=1 to length(lwc) do
        begin
            if finded=password then
                break;

            finded:=lwc[ss]+lwc[dd]+lwc[ff]+lwc[gg]+lwc[hh]+lwc[qq];

            write(finded);

            w:=w+1;

        end;
    end;
end;
end;
end;
end;
end;
end;
end;
end
//for strong password type
else if length(password)=8 then
begin
    while finded<>password do
    begin
        for ss:=1 to length(lwc) do
        begin
            if finded=password then
                break;
            for dd:=1 to length(lwc) do
            begin
                if finded=password then

```

```

break;
for ff:=1 to length(lwc) do
begin
if finded=password then
break;
for gg:=1 to length(lwc) do
begin
if finded=password then
break;
for hh:=1 to length(lwc) do
begin
if finded=password then
break;
for qq:=1 to length(lwc) do
begin
if finded=password then
break;
for ww:=1 to length(lwc) do
begin
if finded=password then
break;
for ee:=1 to length(lwc) do
begin
if finded=password then
break;
finded:=lwc[ss]+lwc[dd]+lwc[ff]+lwc[gg]+lwc[hh]+lwc[qq]+lwc[ww]+lwc[ee];
write(finded);
w:=w+1;
end;
end;
end;

```

```

        end;
    end;
end;
end;
end;
end;
end
end;
end
else if ct=4 then
begin
while finded<>password do
begin
//for weak password type
if length(password)=4 then
begin
for ss:=1 to length(upc) do
begin
if finded=password then
break;
for dd:=1 to length(upc) do
begin
if finded=password then
break;
for ff:=1 to length(upc) do
begin
if finded=password then
break;
for gg:=1 to length(upc) do
begin
if finded=password then

```

```

        break;

        finded:=upc[ss]+upc[dd]+upc[ff]+upc[gg];

        write(finded);

        w:=w+1;

    end;

end;

end;

end;

end

// for medium password type
else if length(password)=6 then
begin
    while finded<>password do
    begin
        for ss:=1 to length(upc) do
        begin
            if finded=password then
                break;

            for dd:=1 to length(upc) do
            begin
                if finded=password then
                    break;

                for ff:=1 to length(upc) do
                begin
                    if finded=password then
                        break;

                    for gg:=1 to length(upc) do
                    begin
                        if finded=password then
                            break;

                        for hh:=1 to length(upc) do

```

```
begin
    if finded=password then
        break;
    for qq:=1 to length(upc) do
        begin
            if finded=password then
                break;
            finded:=upc[ss]+upc[dd]+upc[ff]+upc[gg]+upc[hh]+upc[qq];
            write(finded);
            w:=w+1;
        end;
    end;
end;
end;
end;
end;
end;
end;
end;
end;
end;
//for strong password type
else if length(password)=8 then
begin
while finded<>password do
begin
for ss:=1 to length(upc) do
begin
if finded=password then
break;
for dd:=1 to length(upc) do
begin
if finded=password then
break;
```



```

for ff:=1 to length(upc) do
begin
if finded=password then
break;
for gg:=1 to length(upc) do
begin
if finded=password then
break;
for hh:=1 to length(upc) do
begin
if finded=password then
break;
for qq:=1 to length(upc) do
begin
if finded=password then
break;
for ww:=1 to length(upc) do
begin
if finded=password then
break;
for ee:=1 to length(upc) do
begin
if finded=password then
break;
finded:=upc[ss]+upc[dd]+upc[ff]+upc[gg]+upc[hh]+upc[qq]+upc[ww]+upc[ee];
write(finded);
w:=w+1;
end;
end;
end;
end;
end;

```

```
        end;
    end;
end;
end;
end;
end
end;
end;

Stop := Now; // program end

writeln();

textcolor(lightred);

writeln('Finded password equal to :', finded);

writeln();

writeln('Attempt:' ,w);

writeln();

writeln(FormatDateTime('hh.nn.ss.zzz', Stop-Start), ' time taken');

readln();

end.
```

Please select the password type by entering 1,2 or 3

- 1: weak(4)
- 2: medium(6)
- 3: strong(8)

1

Please select the character type:

- 1: only digit
- 2: only lowercase letters
- 3: both lowercase letters and digits
- 4: lowercase letters, digits and uppercase letters

1

If you want to create password enter 1, otherwise enter 2

1

0125_

000000010002000300040005000600070008000900100011001200130014001500160017001800190020002100220023002400250026002700280029
003000310032003300340035003600370038003900400041004200430044004500460047004800490050005100520053005400550056005700580059
006000610062006300640065006600670068006900700071007200730074007500760077007800790080008100820083008400850086008700880089
009000910092009300940095009600970098009901000101010201030104010501060107010801090110011101120113011401150116011701180119
012001210122012301240125

Finded password equal to :0125

Attempt:126

00.00.00.172 time taken

■

Please select the password type by entering 1,2 or 3

- 1: weak(4)
- 2: medium(6)
- 3: strong(8)

1

Please select the character type:

- 1: only digit
- 2: only lowercase letters
- 3: both lowercase letters and digits
- 4: lowercase letters, digits and uppercase letters

1

If you want to create password enter 1, otherwise enter 2

1

651065116512651365146515651665176518651965206521652265236524652565266527652865296530653165326533653465356536653765386539
654065416542654365446545654665476548654965506551655265536554655565566557655865596560656165626563656465656566656765686569
657065716572657365746575657665776578657965806581658265836584658565866587658865896590659165926593659465956596659765986599
660066016602660366046605660666076608660966106611661266136614661566166617661866196620662166226623662466256626662766286629
663066316632663366346635663666376638663966406641664266436644664566466647664866496650665166526653665466556656665766586659
666066616662666366646665666666676668666966706671667266736674667566766677667866796680668166826683668466856686668766886689
669066916692669366946695669666976698669967006701670267036704670567066707670867096710671167126713671467156716671767186719
672067216722672367246725672667276728672967306731673267336734673567366737673867396740674167426743674467456746674767486749
675067516752675367546755675667576758675967606761676267636764676567666767676867696770677167726773677467756776677767786779
678067816782678367846785678667876788678967906791679267936794679567966797679867996800680168026803680468056806680768086809
681068116812681368146815681668176818681968206821682268236824682568266827682868296830683168326833683468356836683768386839
684068416842684368446845684668476848684968506851685268536854685568566857685868596860686168626863686468656866686768686869
687068716872687368746875687668776878687968806881688268836884688568866887688868896890689168926893689468956896689768986899
690069016902690369046905690669076908690969106911691269136914691569166917691869196920692169226923692469256926692769286929
693069316932693369346935693669376938693969406941694269436944694569466947694869496950695169526953695469556956695769586959
696069616962696369646965696669676968696969706971697269736974697569766977697869796980698169826983698469856986698769886989
699069916992699369946995699669976998699970007001700270037004700570067007700870097010701170127013701470157016701770187019
702070217022702370247025702670277028702970307031703270337034703570367037703870397040704170427043704470457046704770487049
705070517052705370547055705670577058705970607061706270637064706570667067706870697070707170727073707470757076707770787079
708070817082708370847085708670877088708970907091709270937094709570967097709870997100710171027103710471057106710771087109
711071117112711371147115711671177118711971207121712271237124712571267127712871297130713171327133713471357136713771387139
714071417142714371447145714671477148714971507151715271537154715571567157715871597160716171627163716471657166716771687169
7170717171727173717471757176717771787179718071817182718371847185718671877188718971907191

Finded password equal to :7191

Attempt:7192

00.00.12.011 time taken

■

Please select the password type by entering 1,2 or 3

- 1: weak(4)
- 2: medium(6)
- 3: strong(8)

1

Please select the character type:

- 1: only digit
- 2: only lowercase letters
- 3: both lowercase letters and digits
- 4: lowercase letters, digits and uppercase letters

2

If you want to create password enter 1, otherwise enter 2

1

abme

aaloaalpaalqaalraalsaaltaaluaalvaalwaalxaalyaalzaamaaambaamcaamdaameaamfaamgaamhaamiaamjaamkaamlaammaamnaamoaampaamqaamr
aamsaamtaamuaamvaamwaamxaamyamzaanaaanbaancaandaaneaanfaangaanhaaniaanjaankaanlaanmaannaanoaanpaanqaanraansaantaanuaanv
aanwaanxaanyaanzaaoaaaobaaocaaodaaoeaaofaaogaaohaaioiaaojjaakaaolaamaaonaaoaaaopaaopaaoraaoosaaotaaouaaaovaaowaaaxaaoyaaaz
aapaaapbaapcaapdaapeaapfaapgaaphaapiaapjaapkaaplaapmaapnaapoaappaapqaapraapsaaptaapuaapvaapwaapxaapyaapzaaqaqaqbaaqaqaqd
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aariaarjaarkaarlaarmaarnaaroarparqaarraarsaartaaruaarvaarwaarxaaryaarzaasaaasbaascaasdaaseaasfaasgaashaasiaasjaaskaasl
aasmaasnaasoaspaasqaasraassaastaasuaasvaaswaasxaasyaaszaataaatbaatcaatdaateaatfaatgaathaatiaatjaatkaatlaatmaatnaatoaatp
aatqaatraatsaattaatuaatvaatwaatxaatyaatzaauaaaubaaucaaudaaueaaufaaugaauhaauiaaujaaukaaulaumaauaauoaaupaauqaauraausaaut
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aavyaavzaawaaawbaawcaawdaaweawfaawgaawhaawiaawjaawkaawlaawmaawnaawoaawpaawqaawraawsaawtaawuaawvaawwaawxaawyaawzaaxaaaxb
aaxcaaxdaaxeaaaxfaaxgaaxhaaxiaaxjaaxkaaxlaaxmaaxnaaxoaxpaaxqaaxraaxsaaxtaaxuaaxvaaxwaaxxaaxyaaaxzaayaaaybaaycaaydaayeaayf
aaygaayhaayiaayjaaykaaylaaymaaynaayoaaypaayqaayraaysaaytaayuaayvaaywaayxaayyaayzaazaaazbaazcaazdaazeaazfaazgaazhaaziaazj
aazkaazlaazmaaznaazoaazpaazqaazraazsaaztaazuaazvaazwaazxaazyaaazzabaaabababacabadabaeabafabagababahabaiababjabakabalabamaban
abaoabapabaqabarabasabatabauabavabawabaxabayabazabbaabbbabbcabbdabbeabbbfabbgabbhabbiabbbjabbkabblabbmabbnabboabbbpabbqabbr
abbsabbtabbuabbvabbwabbxabbyabbzabcaabcbabccabcdabceabcfabcbgabchabciabcbjabckabclabcmabcnabcoabcpabcpabcrabcsabctabcuabcv
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abeaabebabecabedabeeabefabegabehabeiaabejabekabelabemabenabeoabepabeqaberabesabetabeuabevabewabexabeyabezabfaabfbabfcabfd
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abiqabirabisabitabiuabivabiwabixabiyabizabjaabjbabjcabjdbabjeabjfabjgabjhabjjiabjjabjkabjlabjmabjnbabjoabjpabjqabjrabjsabjt
abjuabjvabjwabjxabjyabjzabkaabkbabkcabkdabkeabkfabkgabkhabkhabkiabkjabkkabklabkmabknabkoabkpabkqabkrabksabktabkuabkvabkwabkx
abkyabkzablaablbalblcabldableablfbablgablihabliabljablkabllablmablnabloablplablqablrlablsabltabluablvablwablxablyablzabmaabmb
abmcabmdabme

Finded password equal to :abme

Attempt:993

00.00.01.610 time taken

Please select the password type by entering 1,2 or 3

- 1: weak(4)
- 2: medium(6)
- 3: strong(8)

1

Please select the character type:

- 1: only digit
- 2: only lowercase letters
- 3: both lowercase letters and digits
- 4: lowercase letters, digits and uppercase letters

3

If you want to create password enter 1, otherwise enter 2

1

ab01_

abhxabhyabhzab0abh1abh2abh3abh4abh5abh6abh7abh8abh9abi aabi babi cabi dabi eabi fabi g abi habi i abi jabi kabi labi ma
bi nabi oabi pabi qabi rabi sabi tabi uabi vabi wabi xabi yabi zabi 0abi 1abi 2abi 3abi 4abi 5abi 6abi 7abi 8abi 9abjaab
jbabjcabjdabjeabjfabjg abjhabji abjjabjkabjlabjmabjnabjoabjpabjqabjrabjsabjtabjuabjvabjwabjxabjyabjzabj0abj1abj2abj3abj4
abj5abj6abj7abj8abj9abkaabkbabkcabkdabkeabkfabkg abkhabki abkjabkkabklabkmabknabkoabkpabkqabkrabksabktabkuabkvabkwabkxab
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ablsabltabluablvablwablxablyablzabl0abl1abl2abl3abl4abl5abl6abl7abl8abl9abmaabmbabmcabmdabmeabmfabmg abmhabmi abmjabmkab
mlabmmabmnabmoabmpabmqabmrabmsabmtabmuabmvabmwabmxabmyabmzabm0abm1abm2abm3abm4abm5abm6abm7abm8abm9abnaabnbabncabndabneab
nfabng abnhabni abnjabnkabnlabnmabnnabnoabnpabnqabnrabnsabntabnuabnvabnwabnxabnyabnzabn0abn1abn2abn3abn4abn5abn6abn7abn8
abn9aboaabobabocabodaboeabofabog abohaboi abojabokabolabomabonabooabopaboqaborabosabotabouabovabowaboboxaboyabozabo0abo1ab
o2abo3abo4abo5abo6abo7abo8abo9abpaabpbabpcabpdabpeabpfabpg abphabpi abpjabpkabplabpmabpnabpoabppabpqabprabpsabptabpuabpv
abpwabpxabpyabpzabp0abp1abp2abp3abp4abp5abp6abp7abp8abp9abqaabqbabqcabqdabqeabqfabqg abqhabqi abqjabqkabqlabqmabqnabqoab
qpabqqabqrabqsabqtabquabqvabqwabqxabqyabqzabq0abq1abq2abq3abq4abq5abq6abq7abq8abq9abraabrbabrcabrdabreabrfabrg abrhabri
abrjabrkbabrlabrmabrnabroabrpabrqabrrabrsabrtabruabrvabrwabrxabryabrzabr0abr1abr2abr3abr4abr5abr6abr7abr8abr9absaabsbabsc
absdabseabsfabsg abshabsi absjabskabslabsmabsoabspabsqabsrabssabstabsuabsvabswabsxabsyabszabs0abs1abs2abs3abs4abs5ab
s6abs7abs8abs9abtaabtbabtcabtdabteabtfabtg abthabti abtjabtkabtlabtmabtnabtoabtpabtqabtrabtsabttabtuabtvabtwabtxabtyabtz
abt0abt1abt2abt3abt4abt5abt6abt7abt8abt9abuabubabucabudabueabufabug abuhabui abujabukabulabumabunabuoabupabuqaburabusab
utabuuabuvabuwabuxabuyabuzabu0abu1abu2abu3abu4abu5abu6abu7abu8abu9abvaabvbabvcabvdabveabvfabvg abvhabvi abvjabvkabvlabvm
abvnabvoabvpabvqabvrvabvsabvtabvuabvvabvwabvxabvyabvzabv0abv1abv2abv3abv4abv5abv6abv7abv8abv9abwaabwbabwcabwdabweabwfabwg
abwhabwi abwjabwkabwlabwmabwnabwoabwpabwqabwrabwsabwtabwuabwvabwwabwxabwyabwzabw0abw1abw2abw3abw4abw5abw6abw7abw8abw9ab
xaabxbabxcabxdabxeabxfabxg abxhabxi abxjabxkabxlabxmabxnabxoabxpabxqabxrabxsabxtabxuabxvabxwabxxabxyabxzabx0abx1abx2abx3
abx4abx5abx6abx7abx8abx9abyaabybabycabydabyeabyfabyg abyhabyi abyjabykabylabymabynabyoabypabyqabyrabysabytabyuabyvabywab
yxabyyabyzaby0aby1aby2aby3aby4aby5aby6aby7aby8aby9abzaabzbabzcabzdabzeabzfabzg abzhabzi abzjabzkabzlabzmabznabzoabzpabzq
abzrabzsabztabzuaabzvabzwabzxabzyabzzabz0abz1abz2abz3abz4abz5abz6abz7abz8abz9ab0aab0bab0cab0dab0eab0fab0g ab0hab0i ab0jab
0kab0lab0mab0nab0oab0pab0qab0rab0sab0tab0uab0vab0wab0xab0yab0zab00ab01

Finded password equal to :ab01

Attempt:2260

00.00.03.928 time taken

█

Please select the password type:

- 1: weak(4)
- 2: medium(6)
- 3: strong(8)

1

Please select the character type:

- 1: only digit
- 2: only lowercase letters
- 3: both lowercase letters and digits
- 4: lowercase letters, digits and uppercase letters

4

If you want to create password enter 1, otherwise enter 2

1

AAAA

AAAA

Finded password equal to :AAAA

Attempt:1

00.00.00.000 time taken

—

Please select the password type:

- 1: weak(4)
- 2: medium(6)
- 3: strong(8)

1

Please select the character type:

- 1: only digit
- 2: only lowercase letters
- 3: both lowercase letters and digits
- 4: lowercase letters, digits and uppercase letters

2

If you want to create password enter 1, otherwise enter 2

1

aaaa

aaaa

Finded password equal to :aaaa

Attempt:1

00.00.00.016 time taken

—