

PseudoCode

Declaration:

```
pass = String
arrayChar= char[];
arrayPattern = new char[1];
attempt = String
```

Process:

```
while(true)
    if (attempt = pass) then
        print(Password berhasil ditemukan) -> output
        break;
    end if
    index = int;
    while(index >= 0)
        if (arrayPattern[index] = arrayChar[arrayChar.length-1]) then
            if (index = 0) then
                arrayPattern = new char[arrayPattern.length+1];
                arrayPattern = arrayChar[0];
                break;
            else
                arrayPattern[index] = arrayChar[0];
                index--;
            end if
        else
            arrayPattern[index] = Array.binarySearch(arrayChar, arrayPattern[index]-1)
            break;
        end if
    end while;
end while;
```