



main.c

Output



```
1  #include <stdio.h>
2  #include <string.h>
3  #include <ctype.h>
4  int main() {
5      char password[100];
6      int length, hasUpper, hasLower,
          hasDigit, hasSpecial;
7      printf("Enter your password: ");
8      scanf("%s", password);
9      length = strlen(password);
10     hasUpper = hasLower = hasDigit
        = hasSpecial = 0;
11     if (length < 8) {
12         printf("Password must be at least 8
            characters long.\n");
13     return 1;
14     }
15     for (int i = 0; i < length; i++) {
16         if (isupper(password[i])) {
17             hasUpper = 1;
18         } else if (islower(password[i])) {
19             hasLower = 1;
20         } else if (isdigit(password[i])) {
21             hasDigit = 1;
22         } else if (strchr("!@#$%^&*()-_+=,
            ;'\"< .:~`|{}[]\r\n", password[i])) {
                hasSpecial = 1;
            }
        }
```

Run



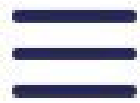
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```
        hasDigit, hasSpecial;
7  printf("Enter your password: ");
8  scanf("%s", password);
9  length = strlen(password);
10     hasUpper = hasLower = hasDigit
        = hasSpecial = 0;
11  if (length < 8) {
12  printf("Password must be at least 8
        characters long.\n");
13  return 1;
14  }
15  for (int i = 0; i < length; i++) {
16  if (isupper(password[i])) {
17      hasUpper = 1;
18  } else if (islower(password[i])) {
19      hasLower = 1;
20  } else if (isdigit(password[i])) {
21      hasDigit = 1;
22  } else if (strchr("!@#$%^&*()-_="+,
        password[i])) {
23      hasSpecial = 1;
24  }
25  }
26  return 0;
27 }
```

Run



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main.c

Output



Enter your password: 2345456|