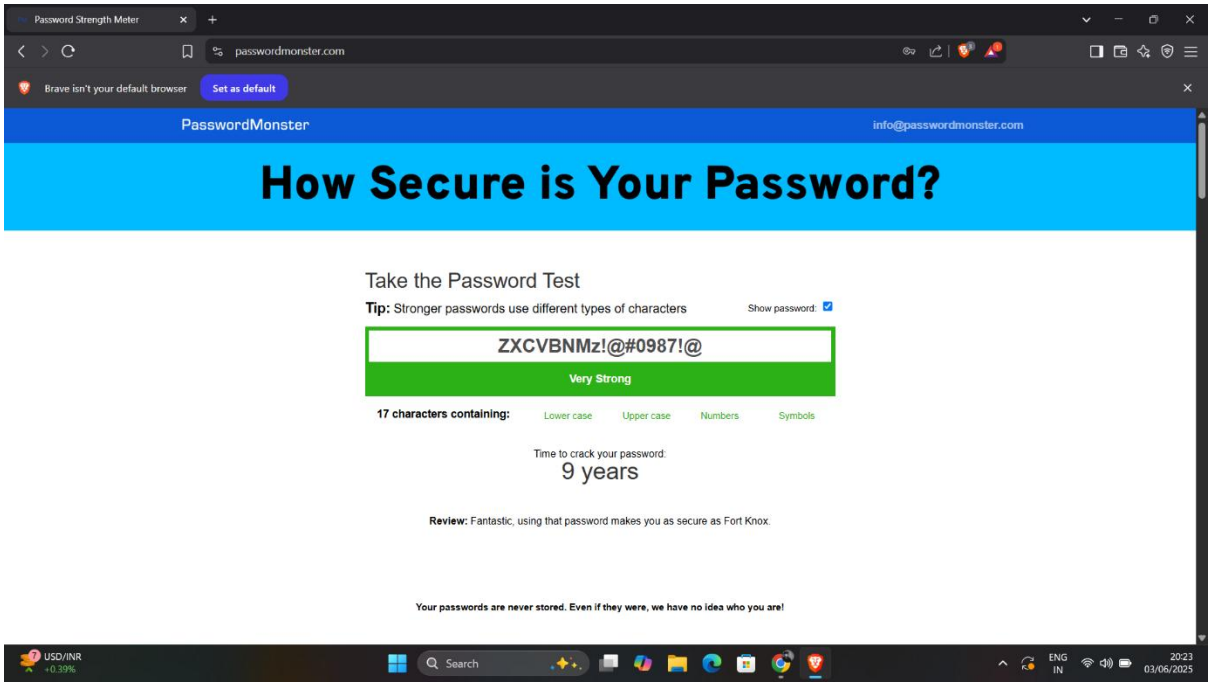
TASK-6



OFFICIAL PASSWORD STRENGTH REPORT

Report Title: Password Security Evaluation – PasswordMonster Tool
Tool Used: PasswordMonster (https://passwordmonster.com)
Date of Evaluation: June 3, 2025

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1. Password Tested

Password Entered: ZXCVBNMz!@#0987!@
Length: 17 characters
Character Composition:

- **Uppercase Letters:** Yes (Z, X, C, V, B, N, M)
- **Lowercase Letters:** Yes (z)
- **Numbers:** Yes (0, 9, 8, 7)
- **Symbols:** Yes (!, @, #, !, @)

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2. Strength Rating

Rating: ✅ **Very Strong**
Estimated Time to Crack: ⏳ **9 years**
Feedback from Tool:

"Fantastic, using that password makes you as secure as Fort Knox."

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3. Security Review & Score

Category	Result
Length	Excellent
Character Variety	Excellent
Predictability	Low (Good)
Common Pattern Usage	No
Repetition	Minimal

Overall Score: ⭐ **9.5 / 10**

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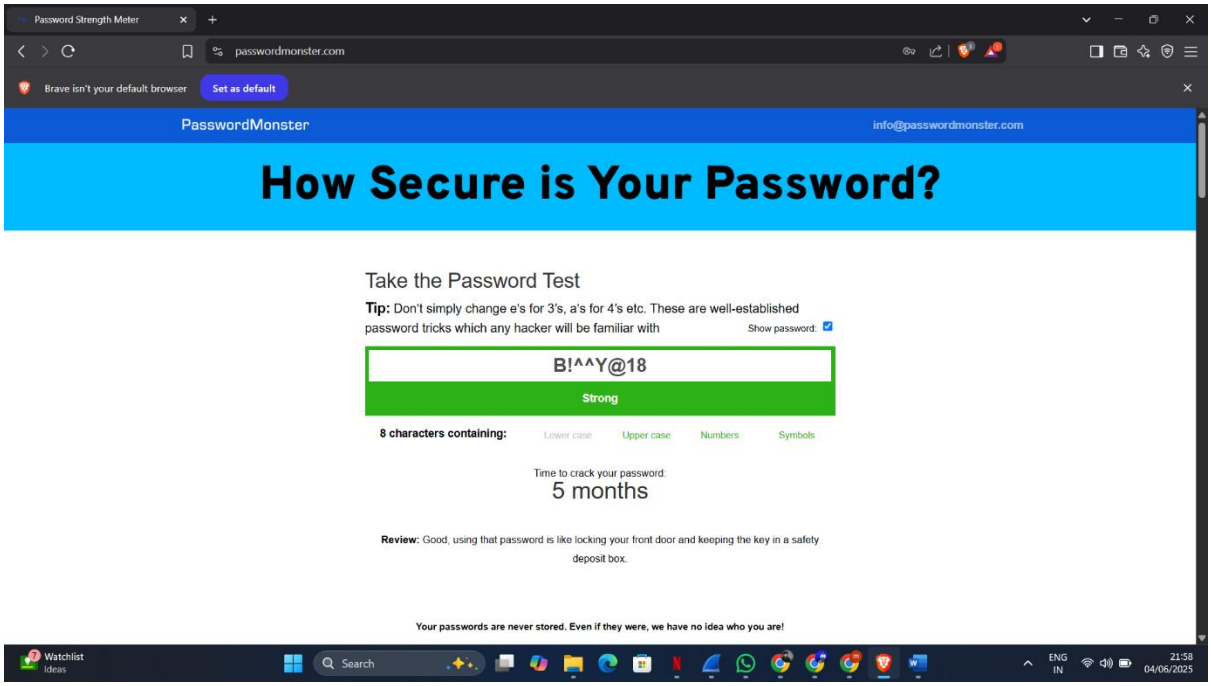
4. Recommendations

- ✅ This password is highly secure for most personal and professional applications.
- 🔐 Consider using a password manager to store and rotate passwords periodically.
- 🔁 If used across multiple accounts, make sure each has a unique variation.
- 💡 Even strong passwords should be changed every 6–12 months for critical systems.



OFFICIAL PASSWORD STRENGTH REPORT

Report Title: Password Security Evaluation – PasswordMonster Tool
Tool Used: PasswordMonster (https://passwordmonster.com)
Date of Evaluation: June 4, 2025

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1. Password Tested

Password Entered: B!^^Y@18
Length: 8 characters
Character Composition:

- **Uppercase Letters:** Yes (B, Y)
- **Lowercase Letters:** No
- **Numbers:** Yes (1, 8)
- **Symbols:** Yes (!, ^, ^, @)

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2. Strength Rating

Rating: ✅ **Strong**
Estimated Time to Crack: ⏳ **5 months**
Feedback from Tool:

"Good, using that password is like locking your front door and keeping the key in a safety deposit box."

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3. Security Review & Score

Category	Result
Length	Fair
Character Variety	Moderate (No lowercase)
Predictability	Low (Good)
Common Pattern Usage	No
Repetition	Mild (double ^)

Overall Score: ⭐ 7.8 / 10

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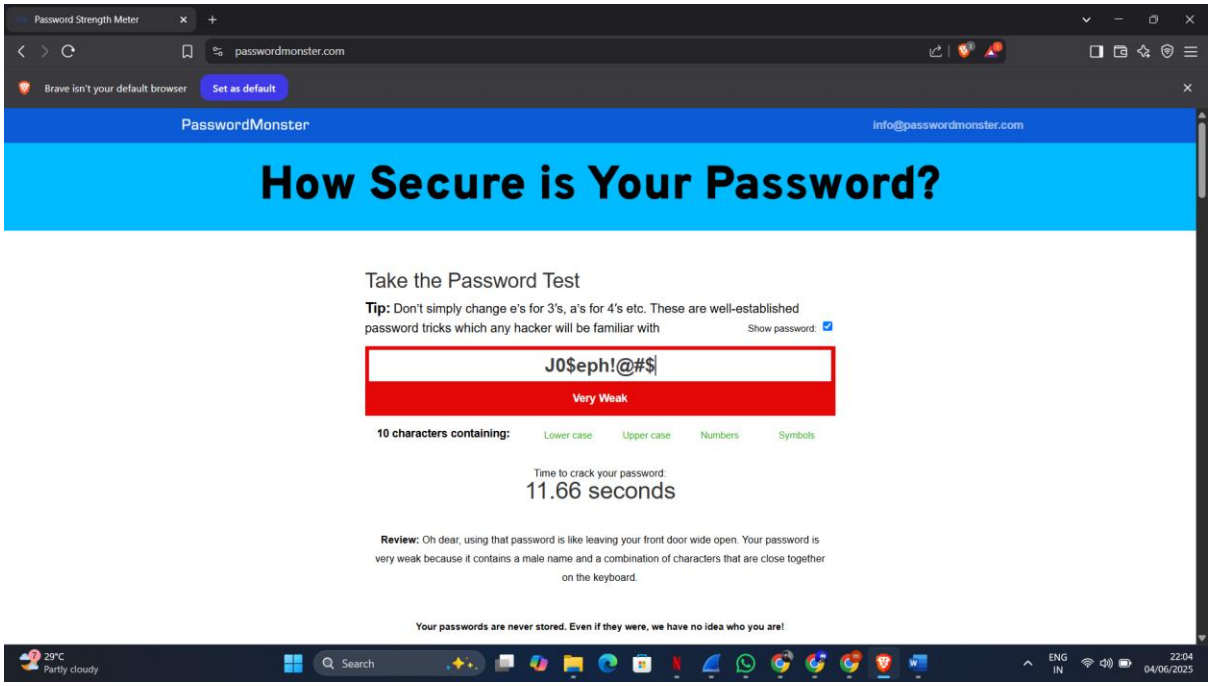
4. Recommendations

- ⚠️ Consider **increasing the length** to 12–16 characters for enhanced security.
- ➕ Include **lowercase characters** to further improve character diversity.
- 🔁 Avoid repetitive symbols unless required by system policies.
- 🔒 This password is acceptable for moderate security needs but should be avoided for highly sensitive systems (e.g., financial accounts, admin panels).
- 🧠 Use a password manager to safely manage and rotate passwords.



OFFICIAL PASSWORD STRENGTH REPORT

Report Title: Password Security Evaluation – PasswordMonster Tool
Tool Used: PasswordMonster (https://passwordmonster.com)
Date of Evaluation: June 4, 2025

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1. Password Tested

Password Entered: J0$eph!@#$
Length: 10 characters
Character Composition:

- **Uppercase Letters:** Yes (J)
- **Lowercase Letters:** Yes (e, p, h)
- **Numbers:** Yes (0)
- **Symbols:** Yes ($, !, @, #, $)

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2. Strength Rating

Rating: ❌ Very Weak
Estimated Time to Crack: ⏳ 11.66 seconds
Feedback from Tool:

"Oh dear, using that password is like leaving your front door wide open. Your password is very weak because it contains a male name and a combination of characters that are close together on the keyboard."

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3. Security Review & Score

Category	Result
Length	Moderate
Character Variety	Fair
Predictability	High (Name-based + common substitutions)
Common Pattern Usage	Yes (J0$eph is a common substitution pattern)
Repetition	Present ($ repeated)

Overall Score: ⚠️ 3.2 / 10

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4. Recommendations

- ❌ Avoid using **personal names**, even with character substitutions like 0 for o or $ for s.
- 🧠 Replace predictable patterns with **random sequences** that include uppercase, lowercase, numbers, and varied symbols.
- ➕ Increase the **length** to at least 12–16 characters.
- ✅ Consider using a **passphrase** or a password generated by a password manager.
- 🔐 This password is not suitable for use in any secure system.