Name:

ID:

M1 Assignment 02

**Part 1: Identifying bad arguments**

<https://yourlogicalfallacyis.com/>

27) Identify the logical fallacy in the argument: “If we require special bathrooms for transgender, then special bathrooms for two-spirit and non-binary genders will be created, then bathrooms for squirrels and other animals will also need to be created!”

|  |  |
| --- | --- |
| Bandwagon | Slippery slope |
| Gambler’s fallacy | Appeal to emotion |
| False cause | Strawman |
| Ad hominen | Genetic |

28) Identify the logical fallacy in the argument: “Why would you take Hydroxychloroquine to cure COVID-19, Donald Trump is taking it, so it must be bad.”

|  |  |
| --- | --- |
| Bandwagon | Slippery slope |
| Gambler’s fallacy | Appeal to emotion |
| False cause | Strawman |
| Ad hominen | Genetic |

29) Identify the logical fallacy in the argument:

LeBron James claiming there is racial injustice in America spoke of reading about a black man who was trying to buy a bicycle for his son but had police called on him, “It's just heartbreaking. You guys don't understand," James said. "Unless you're a person of color, you guys don't understand. I understand you might feel for us. But you will never truly understand what it is to be black in America.”

|  |  |
| --- | --- |
| Bandwagon | Appeal to Nature |
| Gambler’s fallacy | Special Pleading |
| Texas Sharpshooter | Strawman |
| Ad hominen | Anecdotal |

30) Identify the logical fallacy in the argument: “I pay taxes in Thailand, so I am entitled to pay the same rate as Thai citizens at national parks.”

|  |  |
| --- | --- |
| False Equivalence | Tu Quoque |
| Gambler’s fallacy | Appeal to emotion |
| False cause | Strawman |
| Ad hominen | No True Scotsman |

**Part 2: Design**

Use the following svg editor to complete the following: <https://www.drawsvg.org/drawsvg.html>

1. Create a logo for a basketball company called “Pro BBX Court”, paste a screen shot below:
2. Create an Image for the homepage of a pizza website, paste a screenshot below:

**Part 3: Wolfram alpha**

<https://www.wolframalpha.com/>

1. Use wolfram alpha to calculate the following: “Number of people on earth divided by age of Lebron James”
2. 50 kg to lbs
3. Solve for x: *32x + 33.9 =14*
4. factors of 34632232

**Part 4: Cybersecurity**

1. Use <https://haveibeenpwned.com/> to check and see if your email has been hacked. Have you been powned?
2. Generate a cryptographically secure password <https://passwordsgenerator.net/>.

* What is the password?
* How long should the password be to be secure?
* True or false: It’s a good idea to use dictionary words in my password.
* True or false: It’s a good idea to use your telephone number or birthday in your password.
* True or False: It’s a bad idea to send information over unencrypted connections (ftp/ http).
* True or false: It’s a good idea to use the same password for my facebook and YouTube account.

1. Which one of these passwords is the most prone to a “dictionary” attack?

|  |  |
| --- | --- |
| 1k\*78) | 567777a00-- |
| Aa8s90as | &(&(^&$#!@%&\*(&&&&^%^%$ |
| NXSMART1 | 237910771 |
| 12nkjKSS&\*7&&&jasdgj\* | HK92K7ha |

1. Which one of these passwords is most in danger of being cracked via brutefoce?

|  |  |
| --- | --- |
| Frenchfries88 | WP8 |
| 44&& | sandyshores |
| Wonder\_red!( | Star\_light |
| 12781U()&\*&Dba287\*\*\*&12 | Atom1 |

1. Take the following phishing quiz: <https://phishingquiz.withgoogle.com/>. Paste a screenshot of your result below:

Part 5: Bonus

Create a PowerPoint or Google slides presentation about one of the following hacking methodologies. Your presentation should contain at least 5 slides.

* DDOS
* XXS
* Phishing
* SQL Injection
* Buffer overflow
* Ransomware