# CIS 106 ASSIGNMENT WEEK 2 Marc Advincula

# PS2P1 – Extended Price Calculation

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| --- | --- |
| IPO | Description |
| Input | - Quantity  - Price per unit |
| Processing | - Extended price = Quantity × Price per unit |
| Output | - Display extended price |

# PS2P2 – Gross Pay Calculation

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| --- | --- |
| IPO | Description |
| Input | - Last name  - Hours worked  - Pay rate |
| Processing | - Gross pay = Hours × Pay rate |
| Output | - Display last name - Display gross pay |

# PS2P3 – Rectangle Area and Circumference

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| --- | --- |
| IPO | Description |
| Input | - Length  - Width |
| Processing | - Area = Length × Width - Circumference = (2 × Length) + (2 × Width) |
| Output | - Display area - Display circumference |

# PS2P4 – Tuition Calculation

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| --- | --- |
| IPO | Description |
| Input | - Last name  - Credits taken |
| Processing | - Tuition = (Credits × 250) + 100 (lab fee) |
| Output | - Display last name - Display tuition |

# PS2P5 – Discount Price

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| --- | --- |
| IPO | Description |
| Input | - Price of item - Discount percent |
| Processing | - Discount amount = Price × Discount percent - Discounted price = Price − Discount amount |
| Output | - Display discount amount - Display discounted price |