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| **CSC126: INDIVIDUAL ASSIGNMENT** | **CASE STUDY 1** |

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| For this assignment, student need to prepare and submit:   1. A complete C++ program (.cpp) 2. A report consists of:    * Cover page (Tittle – CSC126 Individual Assignment, Name, Matric No, Group)    * IPO Chart    * Pseudocode    * Flowchart    * C++ program    * Sample output   Report must be submitted in .pdf format. |

Kid Fun Land Penang offers great discount for entrance during the school holiday. The following are the price and discount given for children and adults.

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| **Ticket Type** | **Normal Price (RM)** |
| Children (C) | 45 |
| Adults (A) | 5 |

If the total price is more than RM200, 17% discount will be given from the total price. Otherwise, 15% discount will be given from the total price.

Write a main function that prompts user to input the ticket types and the number of children and adults. The program will calculate the total price, discounted price, and net price. Print the receipt which displays the ticket quantity for adult and children, total price, discounted price, and net price that need to be paid by each customer.