

A8 Casino Part B - Design Phase =15pt@Feb28

Summary

This is the program design phase of the Casino Part B project. This assignment should be completed using PowerPoint to create a file called **CasinoBx.ppt** which must be uploaded at the link below before the due date. The x should mark the place for the version number of the file above.

Create a PowerPoint slide to display the following:

1. Program requirements description in your own words.
2. Flow chart to design the sequence of tasks in the program.
3. Different sets of test data with known correct results.
4. A design for the final display of results.

Program Requirements:

The Tinian Casino has made several modifications to the program requirements.

A gold colored chip will now be used at the casino and represent \$500.

The USA Internal Revenue Service has modified the tax code such that US Residents will now have tax withheld from all winnings at a rate determined by the residency of the gambler. This will require writing receipts for all customers when they buy chips. The customer will need to submit all receipts when they cash out at a cashier. The winnings are calculated by subtracting the receipt total from the chip value total.

The customer will be asked for their residency by showing either a passport or drivers license. If the customer is a USA, Guam, or CNMI resident they will need to provide their social security number.

If the customer has lost they are simply paid cash for all chips.

If the customer has won, the following information needs to be requested and calculations made to determine withholding tax based on the latest IRS regulations:

1. U.S. & Guam Residents will have 20% withholding tax on winning.
2. CNMI Residents will have 10% withholding tax on winnings.
3. All foreign residents will have no withholding tax on winnings.

The cash out is determined by subtracting the tax from the total chip value.

The program must display a set of formatted results to include all entered data, chip quantity, receipt total, chip total value, winnings, tax withheld, and amount cashed out. The final results will be printed as a customer receipt.