CS Bridge Module 5: Branching Statements Part 2 - Anther Control Flow we can use in C++ is the Branching Statement; "Switch" Switch Statement Syntax: switch (numeric-expression) & case constant: break; case constant: brak: debult: 3 brok; - "switch" keymord with a numeric expression to be evaluated
-"case" clases with constant values
- Statement /instructions to be performed -"break" stops the Evaluation Scaranfics : - When execution reaches a "switch statement" - First, numeric expression is evaluated - Sciently the numeric expression, is compared to "constant one" - it the numeric expression and constant are equal, then the case expression/instructions will be executed - lasty, After the expression is craluated, break keyword is evaluated, and would "break" out of the Switch statement.

Switch Statement - Syntactic Notes

- "Switch" statements are CESS powerful than the "iF-clse, iF, else" statement
- Start I that can be done with an multi-way "if" can't recessioning be done with a "switch"
- The condition in an "if" statement on be a complex bulear expression
- The "switch" statement is only comparing numeric values
- Switch statements are usuful when we want to implement measures, Synatrufic Motes:
- Numeric expression must be either; int (short int, long int, int), char, or boul Cannot be double, float or complex defined types
- The "case" lables MUST be Constants (lilerals or named constants)
 Connut be expressions, variable names
- If no "case" label matches the value of the "numeric expression", control branches to the detault label.

 If no "detault label, nothing is executed in the "switch" startement and control passes to the tollowing statement after "switch"
 - After a banch is taken, the control proceeds until a "break" is reached If here is no "break" startment, control falls to the next switch statement UNTIL we reach the vext "break"