**user**

**System**

**|**   **|**

**|** System ask the user please enter a number 1 and 9 to make a **|**

**|** decision or 10 to Quit **|**

**| |**

**|** Userenter 1 **|**

**| |**

**|** You selected Equilateral Triangle **|**

**|**  Enter your number to represent the 3 sides in cm **|**

**| |**

**|**  User enter 4 **|**

**| |**

**|** Your perimeter is: 12.0 cm **|**

**|** your Area is: 6.928203230275509 Square centimeter **|**

**| |**

**|** User enter4 **|**

**|**  **|**

**|** You selected Hexagon **|**

**|** Enter your number to represent the 6 sides in cm **|**

**| |**

**|** user enter 3 **|**

**|**  **|**

**|** Your perimeter is: 18.0 cm **|**

**|** your Area is: 23.120226906771116 Square centimeter **|**

**| |**

**|** User enter 7 **|**

**| |**

**|** You selected Cube **|**

**|**  Enter your number to represent 1 side/edge of your Cube in cm **|**

**| |**

**|** User enter 6 **|**

**| |**

**|** Your Volume is: 216.0 cubic centimeter **|**

**|** your Surface Area is: 216 Square centimeters **|**

**| |**

**|** User enter 9 **|**

**| |**

**|** You selected Sphere **|**

**|** Enter your Radius in cm **|**

**| |**

**|** User enter2 **|**

**| |**

**|** your volume is: 33.510321638291124 cubic centimeter **|**

**|** your Surface Area is: 50.26548245743669 Square centimeter **|**

**| |**

**| |**

**|**  User enter 10 **|**

**|** **|**

**|** You decided to Quit **|**

**| |**

**| |**

**| |**