

## Year 9 IST Assignment One Semester One (25%)

Name:

Marking Criteria:

Item	Mark	Total
<b>Extreme Rock, Paper, Scissors (13 marks)</b>		
/player routes correctly display rock, paper and scissors	3	
/random/number displays a random number between 0 and 2	1	
/random/gesture randomly selects and displays rock, paper or scissors	1	
/random/image randomly selects and displays rock.png, paper.png or scissors.png	1	
/game/rock , /game/paper & /game/scissors routes have been created	1	
- Player's choice of rock, paper or scissors is displayed	1	
- Computer's random choice of rock, paper or scissors is displayed	1	
- Correct winner is displayed	1	
- One or more functions have been used to reduce copy/paste	1	
Variables for player wins, computer wins and ties are created and correctly updated	1	
/scores route displays the value of player wins, computer wins and ties	1	
<b>Guess My Number (10 marks)</b>		
/random stores and displays a random number between 0 and 10	1	
/start stores a random number between 0 and 10, without displaying it	1	
/guess/0 - 10 routes are created and call the same function to avoid duplication of code	1	
- "Correct!" is displayed if the answer is equal to the guess	1	
- "Higher..." is displayed if the answer is higher than the guess	1	
- "Lower..." is displayed if the answer is lower than the guess	1	
- "You have guessed ? times" correctly displays the number of guesses	1	
<b>Enhanced functionality:</b> "You have guessed once" is correctly displayed	1	
<b>Enhanced functionality:</b> Previous guesses are stored. If a new guess matches any previous guess, the program displays "You have already guessed this number."	1	
<b>Enhanced functionality:</b> /scores displays all previous answers and number of guesses	1	
<b>Code Comments (2 marks)</b>		
Code includes sufficient commenting to explain the purpose of the code.	2	
<b>Penalties</b>		
Express has been used even though it was expressly forbidden for this task	-3	
Late penalty	10% / day	
<b>TOTAL</b>	<b>25</b>	