**INSTITUTO TECNOLÓGICO SUPERIOR YAVIRAC**

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**ASIGNATURA:** [**Fundamentos De Software Engineering**](http://eva.yavirac.edu.ec/mod/forum/view.php?id=18480)

**TEMA: Prueba de caja blanca**



**FECHA:2**

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,6,7,8,  9,10,11,12,13,15 | [i]= -998  total.entrada=99  [i]>=minimo  [i]<=maximo  Total.valido>0 | total.entrada ++1  total.valido ++1  Suma = suma + valo[i]  i++1  media= suma/total.valido |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,6,7,8,  9,10,11,12,14,15 | [i]= -998  total.entrada=99  [i]>= minimo  [i]<= maximo  Total.valido <0 | total.entrada ++1  total.valido ++1  Suma = suma + valo[i]  i++1  media= -999 |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,6,7,8,  9,10,11,12,15 | [i]= -998  total.entrada=99  [i]>=no minimo  [i]<=no maximo  Total.valido <0 | total.entrada ++1  ignorar  i++1  media=-999 |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,6,10  11,12,14,15 | [i]= -998  total.entrada=99  [i]>=no minimo  [i]<=no maximo  Total.valido >0 | total.entrada ++1  ignorar  i++1  media=- suma/total.valido |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3, 12,14,15 | [i]= -998  total.entrada=101  [i]>=no minimo  [i]<=no maximo  Total.valido <0 | total.entrada ++1  ignorar  i++1  media= -999 |

Realizar el conjunto de caminos, para el siguiente código usando Caja Blanca

<script>

//BUCLE PARA QUE PERMITA INTRODUCIR MÁS DE UNA NOTA

do {

//PIDE UNA NOTA POR TECLADO Y LA GUARDA EN LA VARIABLE nota

var nota = prompt("Introduce tu nota");

//SI SE INTRODUJO UN NÚMERO

if (Number(nota) == nota) {

//SI LA NOTA ES ENTRE 0 Y 10 COMPRUEBA EL RANGO Y DA UN MENSAJE

if (nota > 0 && nota <= 10) {

if (nota < 3) {

alert("Muy deficiente");

}

else if (nota < 5) {

alert("Insuficiete");

}

else if (nota < 6) {

alert("Suficiente");

}

else if (nota < 7) {

alert("Bien");

}

else if (nota < 9) {

alert("Notable"); 5

}

else if (nota >= 9) {

alert("Sobresaliente");

}

}

//SI LA NOTA NO ES ENTRE 0 Y 10

else {

alert("Nota erronea");

}

}

//SI LA NOTA INTRODUCIDA NO ES UN NÚMERO

else {

//SI SE HA PULSADO ACEPTAR SIN INTRODUCIR NADA

if (nota != undefined) { //No es Undefined cuando se pulsa aceptar.

alert("Introduce un numero valido");

}

}

//EL BUCLE VUELVE ARRIBA MIENTRAS NO SE HAYA PULSADO CANCELAR

} while (nota != undefined); //Undefined es cuando se pulsa Cancelar.

</script>

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,7,8,9  11,12,13,14,16  17,18,20,21,22  24,25,26,27 | (Number(nota) == nota  nota > 0 && nota <= 10  nota >= 9 | Sobresaliente |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,7,8,9  11,12,13,14,16  17,18,20,21,23  24,25,26,27 | (Number(nota) == nota  nota > 0 && nota <= 10  nota < 9 | Notable |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,7,8,9  11,12,13,14,16  17,18,20,21,22  24,25,26 | (Number(nota) == nota  nota < 0 && nota <= 10  nota >= 9  nota != undefined) | Nota erronea |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,7,8,9  11,12,13,14,16  17,18,20,21,23  24,25,26 | (Number(nota)!= nota  nota < 0 && nota >= 10  nota >= 9  nota != undefined) | Introduce un numero valido |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,7,8,9  11,12,13,14,16  17,19,20,25,26,27 | (Number(nota) == nota  nota > 0 && nota <= 10  nota < 7 | biem |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,7,8,9  11,12,13,14,16  17,19,20,25,26 | (Number(nota) != nota  nota > 0 && nota <= 10  nota < 7  nota != undefined) | Introduce un numero valido |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,7,8,9  11,12,13,15,16  25,26,27 | (Number(nota) == nota  nota > 0 && nota <= 10  nota < 6 | Suficiente |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,7,8,9  11,12,13,15,16  25,26 | (Number(nota) == nota  nota = -1 && nota <= 10  nota < 6  nota != undefined) | Introduce un numero valido |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,7,8,9  10,12,25,26,27 | (Number(nota) == nota  nota = -1 && nota <= 10  nota < 5 | Inuficiente |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,7,8,9  10,12,25,26 | (Number(nota) == nota  nota < 0 && nota <= 11  nota < 5  nota != undefined) | Introduce un numero valido |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,6  8,25,26,27 | (Number(nota) == nota  nota = -1 && nota <= 10  nota < 3 | Muy Inuficiente |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,5,6  8,25,26 | (Number(nota) == nota  nota < 0 && nota <= 15  nota < 3  nota != undefined) | Introduce un numero valido |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,25,26,27 | (Number(nota) !=nota  nota < 0 && nota <= 15  nota = tres  nota != undefined) | Numero erroneo  Introduce un numero valido |

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| CAMINO | ENTRADA | SALIDA |
| 1,2,3,4,25,26, | (Number(nota) ==nota  nota < 0 && nota <= 15  nota = tres  nota != undefined) | Introduce un numero valido |

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| CAMINO | ENTRADA | SALIDA |
| 1 | (Number(nota)!= nota | Cancelar |