Test Cases for Program 7:

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| INPUT | OUTPUT |
| N: 6 R: 2 | P(n,r) with repeats = 36.0 P(n,r) without repeats = 30.0 C(n,r) with repeats = 21.0 C(n,r) without repeats = 15.0 |
| N: 5 R: 4 | P(n,r) with repeats = 625.0 P(n,r) without repeats = 120.0 C(n,r) with repeats = 70.0 C(n,r) without repeats = 5.0 |
| N: 2 R: 5 | “Oops sorry n cannot be less than r. Please try again. Please enter a value for n:” |
| N: 7 R: 2 | P(n,r) with repeats = 49.0 P(n,r) without repeats = 42.0 C(n,r) with repeats = 28.0 C(n,r) without repeats = 21.0 |
| N: 4 R: 3 | P(n,r) with repeats = 64.0 P(n,r) without repeats = 24.0 C(n,r) with repeats = 20.0 C(n,r) without repeats = 4.0 |