

1994 Paper 5 Question 5

Programming in C

Write a program in C which, given two integer inputs J and K , will output the combinations of J things partitioned into K groups. For example, if $J = 5$ and $K = 3$, the output would be:

```
(5,0,0)
(4,1,0)
(3,2,0)
(3,1,1)
(2,2,1)
```

[20 marks]