Assignment

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Question : Let $\phi(.)$ denote the cumulative distribution function
of a standard normal random variable. If the random variable
X has the cumulative distribution function

Listing 1. 1(a) Query

```
SELECT i.name, i.id, COUNT(DISTINCT course_id)
 as n
FROM teaches as t
JOIN instructor as i ON t.id = i.id
GROUP BY i.id
ORDER BY n DESC
LIMIT 3;


SELECT i.name,i.id, COUNT(DISTINCT t.course_id) as n
FROM teaches as t
JOIN instructor as i ON t.id = i.id
WHERE i.dept_name = 'Statistics'
GROUP BY i.id
ORDER BY n DESC
LIMIT 3;
```