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$$f(x) = x - \lfloor x \rfloor,$$

where $\lfloor x \rfloor$ denotes the largest integer less than or equal to x . The value of

$$\int_{0.25}^{1.25} f(x) dx$$

is _____ (up to 2 decimal places). **Q.18** Let f be a real-valued function of a real variable defined as

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