degree mark SOLUTION: STRATEGY PATTERN APPROACH	
Rules :	
Appello_Laurea Num_punti	
set-24 3pt.	
dic-24 2pt.	
feb-25 1pt.	
Condizione_Punti_extra_tesi	
max 3 pt base inferiore o uguale a 90 3pt.	
3:4 pt base tra 90,001 e 93,999 4pt.	
4:6 pt superiore 93,999 6pt.	
====== test section for avg computation =======	
The actual Gabriele's avg is: 23.7375	
The actual Gabriele's avg ROUNDED is: 23.74	
The current starting pass mark for Degree is -> 87.04	
Thesis is NOT INCLUDED IN THIS EVALUATION	
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Passed exams :	
['matematica_generale', 'linguaggi', 'matematica_finanziaria', 'macroeconomia', 'microeconomia', 'marketing_strategico', 'economia_gestione_imprese', 'marketing_operativo', 'tecnica_ban	ıcaria'
Assumptions:	
['diritto_del_lavoro', 'organizzazione_aziendale', 'statistica', 'economia_aziendale', 'ragioneria', 'diritto_commerciale', 'finanza_aziendale', 'diritto_privato', 'programmazione_controllo']	
[25, 26, 24, 25, 26, 25, 27, 22, 27]	
Check -> tot credits: 158	
Exam -> matematica_generale	
- mark -> 21	
- credit -> 12	
total_marks[k] -> 21	
total_credits[k] -> 12	
Exam -> linguaggi	
- mark -> 30	
-mark > 50	
- credit -> 8	
total_marks[k] -> 30	
total_credits[k] -> 8	
total_credits[n] -> o	

Exam -> matematica_finanziaria
- mark -> 18
- credit -> 6
total_marks[k] -> 18
total_credits[k] -> 6
Exam -> macroeconomia
- mark -> 23
- credit -> 9
total_marks[k] -> 23
total_credits[k] -> 9
Exam -> microeconomia
- mark -> 20
- credit -> 12
total_marks[k] -> 20
total_credits[k] -> 12
Evam -> marketing strategics

- mark -> 26

- credit -> 9
total_marks[k] -> 26
total_credits[k] -> 9
Exam -> economia_gestione_imprese
- mark -> 28
- credit -> 9
total_marks[k] -> 28
total_credits[k] -> 9
Exam -> marketing_operativo
- mark -> 22
- credit -> 6
total_marks[k] -> 22
total_credits[k] -> 6
Exam -> tecnica_bancaria
- mark -> 26
- credit -> 9
total_marks[k] -> 26

NOT PASSED EXAMS
Exam -> diritto_del_lavoro
- supposed mark -> 25
- credit -> 6
Recalibrated mark -> 24 with increase1
Exam -> organizzazione_aziendale
- supposed mark -> 26
- credit -> 6
Recalibrated mark -> 25 with increase1
Exam -> statistica
- supposed mark -> 24
- credit -> 12

total_credits[k] -> 9

Re	calibrated mark -> 23 with increase1
===	
Exa	am -> economia_aziendale
- su	apposed mark -> 25
- cr	edit -> 12
Re	calibrated mark -> 24 with increase1
===	
Exa	nm -> ragioneria
- su	pposed mark -> 26
- cr	edit -> 9
Da	calibrated mark -> 25 with increase1
ĸe	calibrated mark -> 25 with increase1
===	
Exa	m -> diritto_commerciale
- SU	pposed mark -> 25
- cr	edit -> 9
Re	calibrated mark -> 24 with increase1

Exam -> finanza_aziendale

- credit -> 6
Recalibrated mark -> 26 with increase1
From Mills arises
Exam -> diritto_privato
- supposed mark -> 22
- credit -> 9
Recalibrated mark -> 21 with increase1
Exam -> programmazione_controllo
- supposed mark -> 27
- credit -> 9
Recalibrated mark -> 26 with increase1
Tot numerator 1 -> 1899
Tot numerator 2 considering -1 of uncertainty -> 1878
Check -> sum between Num1 and Num2 Finished 3777

- supposed mark -> 27

Check -> total avg considering -1 of uncertainty -> 23.91

Exam -> diritto_del_lavoro
- supposed mark -> 25
- credit -> 6
Recalibrated mark -> 23 with increase2
Exam -> organizzazione_aziendale
- supposed mark -> 26
andia . C
- credit -> 6
Recalibrated mark -> 24 with increase2
Exam -> statistica
- supposed mark -> 24
- credit -> 12
Recalibrated mark -> 22 with increase2
Exam -> economia_aziendale
- supposed mark -> 25
- credit -> 12

Check -> total mark of degree 87.67 pushed

Recail	brated mark -> 23 with increase2
=====	
Exam -	> ragioneria
- suppo	osed mark -> 26
- credit	-> 9
Recali	brated mark -> 24 with increase2
=====	
Exam -	> diritto_commerciale
- suppo	osed mark -> 25
- credit	-> 9
Recali	brated mark -> 23 with increase2
=====	
Exam -	> finanza_aziendale
- suppo	osed mark -> 27
- credit	-2.6
orcan	
Recali	brated mark -> 25 with increase2

Exam -> diritto_privato

- credit -> 9
Recalibrated mark -> 20 with increase2
Exam -> programmazione_controllo
- supposed mark -> 27
- credit -> 9
Recalibrated mark -> 25 with increase2
Tot numerator 1 -> 1899
Tot numerator 2 considering -2 of uncertainty -> 1800
Check -> sum between Num1 and Num2 Finished 3699
Check -> total avg considering -2 of uncertainty -> 23.41
Check -> total mark of degree 85.84 pushed
Exam -> diritto_del_lavoro
- supposed mark -> 25
- credit -> 6

- supposed mark -> 22

Recali	brated mark -> 27 with increase 2
Exam -	-> organizzazione_aziendale
- suppo	osed mark -> 26
- credit	i -> 6
Recali	ibrated mark -> 28 with increase 2
=====	
Exam -	-> statistica
- suppo	osed mark -> 24
- credit	:-> 12
Recali	ibrated mark -> 26 with increase 2
=====	
Exam -	-> economia_aziendale
- suppo	osed mark -> 25
- credit	:-> 12
Recali	ibrated mark -> 27 with increase 2
Evam	-> ragioneria
∟vaili -	∼ iagionala
- suppo	osed mark -> 26
- credit	:-> 9

Recalibrated mark -> 28 with increase 2
Exam -> diritto_commerciale
supposed mark -> 25
credit -> 9
Recalibrated mark -> 27 with increase 2
Town form which
Exam -> finanza_aziendale
supposed mark -> 27
credit -> 6
Recalibrated mark -> 29 with increase 2
Exam -> diritto_privato
supposed mark -> 22
credit-> 9
Recalibrated mark -> 24 with increase 2

Exam -> programmazione_controllo

- credit -> 9
Recalibrated mark -> 29 with increase 2
Tot numerator 1 -> 1899
Tot numerator 2 considering 2 of uncertainty -> 2112
Check -> sum between Num1 and Num2 Finished 4011
Check -> total avg considering 2 of uncertainty -> 25.39
Check -> total mark of degree 93.1 pushed
Exam -> diritto_del_lavoro - supposed mark -> 25
- credit -> 6
Recalibrated mark -> 24 with increase1
Exam -> organizzazione_aziendale
- supposed mark -> 26
- credit -> 6

- supposed mark -> 27

Recalibrated mark -> 25 with increase1
Exam -> statistica
supposed mark -> 24
credit -> 12
Recalibrated mark -> 23 with increase1
Exam -> economia_aziendale
supposed mark -> 25
credit -> 12
Recalibrated mark -> 24 with increase1
Exam -> ragioneria
supposed mark -> 26
credit -> 9
Recalibrated mark -> 25 with increase1
Exam -> diritto_commerciale
supposed mark -> 25

- credit -> 9

Recalibrated mark -> 24 with increase1
Exam -> finanza_aziendale
supposed mark -> 27
credit -> 6
Recalibrated mark -> 26 with increase1
Exam -> diritto_privato
supposed mark -> 22
credit-> 9
Recalibrated mark -> 21 with increase1
Exam -> programmazione_controllo
supposed mark -> 27
credit -> 9

Recalibrated mark -> 26 with increase ___ -1 ___

- credit -> 12

Exam -> economia_aziendale
- supposed mark -> 25
Supposed mark > 23
- credit -> 12
Recalibrated mark -> 25 with increase 0
Exam -> ragioneria
- supposed mark -> 26
- credit -> 9
Recalibrated mark -> 26 with increase 0
Exam -> diritto_commerciale
- supposed mark -> 25
- credit -> 9
Recalibrated mark -> 25 with increase 0
Exam -> finanza_aziendale
- supposed mark -> 27
- credit -> 6

Recalibrated mark -> 24 with increase __ 0 __

Recalibrated mark -> 27 with increase 0
Exam -> diritto_privato
- supposed mark -> 22
- credit -> 9
Recalibrated mark -> 22 with increase 0
Exam -> programmazione_controllo
- supposed mark -> 27
- credit -> 9
Recalibrated mark -> 27 with increase 0
Tet sumaretes 4 4000
Tot numerator 1 -> 1899
Tot numerator 2 considering 0 of uncertainty -> 1956
Tot numerator 2 considering 6 or uncertainty > 1550
Check -> sum between Num1 and Num2 Finished 3855
Check -> total avg considering 0 of uncertainty -> 24.4
Check -> total mark of degree 89.47 pushed

Exam -> diritto_del_lavoro
- supposed mark -> 25
- credit -> 6
Recalibrated mark -> 24 with increase1
Exam -> organizzazione_aziendale
- supposed mark -> 26
- credit -> 6
Recalibrated mark -> 25 with increase1
Exam -> statistica
Exam -> statistica - supposed mark -> 24
Exam -> statistica - supposed mark -> 24
Exam -> statistica - supposed mark -> 24
Exam -> statistica - supposed mark -> 24 - credit -> 12
Exam -> statistica - supposed mark -> 24 - credit -> 12 Recalibrated mark -> 23 with increase1
Exam -> statistica - supposed mark -> 24 - credit -> 12 Recalibrated mark -> 23 with increase1

Recalibrated mark -> 24 with increase __ -1 __

Recalibrated mark -> 21 with increase1
Exam -> programmazione_controllo
- supposed mark -> 27
- credit -> 9
Recalibrated mark -> 26 with increase1
Tabana and A. 4000
Tot numerator 1 -> 1899
Tot numerator 2 considering -1 of uncertainty -> 1878
Check -> sum between Num1 and Num2 Finished 3777
Check -> total avg considering -1 of uncertainty -> 23.91
Check -> total mark of degree 87.67 pushed
Exam -> diritto_del_lavoro
- supposed mark -> 25
- credit -> 6
Recalibrated mark -> 24 with increase1

Exam -> organizzazione_aziendale
- supposed mark -> 26
- credit -> 6
Recalibrated mark -> 25 with increase1
Exam -> statistica
- supposed mark -> 24
- credit -> 12
Recalibrated mark -> 23 with increase1
Recalibrated mark -> 23 with increase1
Exam -> economia_aziendale
Exam -> economia_aziendale - supposed mark -> 25
Exam -> economia_aziendale - supposed mark -> 25
Exam -> economia_aziendale - supposed mark -> 25
Exam -> economia_aziendale - supposed mark -> 25 - credit -> 12
Exam -> economia_aziendale - supposed mark -> 25 - credit -> 12 Recalibrated mark -> 24 with increase1
Exam -> economia_aziendale - supposed mark -> 25 - credit -> 12 Recalibrated mark -> 24 with increase1

Recalibra	ted mark -> 25 with increase1
Exam -> o	diritto_commerciale
- supposed	d mark -> 25
- credit ->	0
- crean ->	9
D lib	and made and a Color of the Col
Recalibra	ted mark -> 24 with increase1
Exam -> f	inanza_aziendale
- supposed	d mark -> 27
- credit ->	6
Recalibrat	ted mark -> 26 with increase1
======	
Fuerra e	diritto_privato
Exam-> 0	iiiillo_privalo
- supposed	d mark -> 22
- credit ->	9
Recalibra	ted mark -> 21 with increase1
Exam -> p	programmazione_controllo
- supposed	d mark -> 27
- credit ->	9

Recalibrated mark -> 26 with increase1
Tot numerator 1 -> 1899
Tot numerator 2 considering -1 of uncertainty -> 1878
Check -> sum between Num1 and Num2 Finished 3777
Check -> total avg considering -1 of uncertainty -> 23.91
Check -> total mark of degree 87.67 pushed
Exam -> diritto_del_lavoro
- supposed mark -> 25
- credit -> 6
Recalibrated mark -> 26 with increase 1
Exam -> organizzazione_aziendale
- supposed mark -> 26
- credit -> 6
Recalibrated mark -> 27 with increase 1

Exam -> statistica
- supposed mark -> 24
- credit -> 12
Recalibrated mark -> 25 with increase 1
Exam -> economia_aziendale
- supposed mark -> 25
- credit -> 12
Recalibrated mark -> 26 with increase 1
Exam -> ragioneria
Exam -> ragioneria
Exam -> ragioneria - supposed mark -> 26
Exam -> ragioneria - supposed mark -> 26
Exam -> ragioneria - supposed mark -> 26
Exam -> ragioneria - supposed mark -> 26 - credit -> 9
Exam -> ragioneria - supposed mark -> 26 - credit -> 9 Recalibrated mark -> 27 with increase 1
Exam -> ragioneria - supposed mark -> 26 - credit -> 9 Recalibrated mark -> 27 with increase 1

Recalibrated mark -> 26 with increase 1
Exam -> finanza_aziendale
- supposed mark -> 27
- credit -> 6
D 15 1 1 22 11 1
Recalibrated mark -> 28 with increase 1
Exam -> diritto_privato
- supposed mark -> 22
- credit -> 9
Recalibrated mark -> 23 with increase 1
Exam -> programmazione_controllo
- supposed mark -> 27
- credit -> 9
Recalibrated mark -> 28 with increase 1
Noodiistatod mark > 20 with molease 1

Tot numerator 1 -> 1899

Tot numerator 2 considering 1 of uncertainty -> 2034

Recalibrated mark -> 22 with increase ___ -2 ___

Exam -> economia_aziendale
- supposed mark -> 25
- credit -> 12
Recalibrated mark -> 23 with increase2
Exam -> ragioneria
- supposed mark -> 26
- credit -> 9
Recalibrated mark -> 24 with increase2
Exam -> diritto_commerciale
Exam -> diritto_commerciale
Exam -> diritto_commerciale - supposed mark -> 25
Exam -> diritto_commerciale - supposed mark -> 25
Exam -> diritto_commerciale - supposed mark -> 25
Exam -> diritto_commerciale - supposed mark -> 25 - credit -> 9
Exam -> diritto_commerciale - supposed mark -> 25 - credit -> 9 Recalibrated mark -> 23 with increase2
Exam -> diritto_commerciale - supposed mark -> 25 - credit -> 9 Recalibrated mark -> 23 with increase2

Exam -> diritto_privato
- supposed mark -> 22
- credit -> 9
Recalibrated mark -> 20 with increase2
Exam -> programmazione_controllo
- supposed mark -> 27
- credit -> 9
Recalibrated mark -> 25 with increase2
Tot numerator 1 -> 1899
Tot numerator 2 considering -2 of uncertainty -> 1800
Check -> sum between Num1 and Num2 Finished 3699
Check -> total avg considering -2 of uncertainty -> 23.41
Check -> total mark of degree 85.84 pushed
========= FINAL MARK SECTION =========
Choose degree months between:
'a' -> september

Recalibrated mark -> 25 with increase ___ -2 ___

'b' -> december

'c' -> february

Degree month -> <__main__.february_Strategy object at 0x00000180344C6440>

[91.67, 89.84, 100.1, 91.67, 94.47, 91.67, 91.67, 96.26, 89.84]

All scenarios :