

Software Testing and Analysis-CS589

Homework-1

Specification-Based Testing

Problem#1

Input Conditions	Valid Subdomains	Invalid Subdomains
Last name has letters	Yes	No, something else (1)
First name has letters	Yes	No, something else (2)
Size of the first name	1-15 characters	0 (3) >15 (4)
Size of the last name	1-20 characters	0 (5) >20 (6)
Size of student #	9	<9 (7) >9 (8)
First character of student # is "A"	Yes	No, something else (9)
2-8 characters of student# are digits	Yes	No, something else (10)
Exam 1(E1) (C1)	0<=E1<=45 (a) 46<=E1<=60 (b) 61<=E1<=90 (c)	<0 (11) >90 (12)
Exam2(E2) (C2)	0<=E2<=50 (d) 51<=E2<=55 (e) 56<=E2<=100 (f)	<0 (13) >100 (14)
Project(P) (C3)	0<=P<=50 (g) 51<=P<=60 (h) 61<=P<=70 (i) 71<=P<=80 (j)	<0 (15) >80 (16)
Average (C4)	0<=Avg<=80 (k) 81<=Avg<=95 (l)	<0 (17) >95 (18)

Exam1, Exam2, Project, and Average are related. Total test cases are $3*3*4*2=72$

(a)Strong Normal Equivalence Testing

Test Case(T)	Last name	First name	Student #	Exam1	Exam2	Project	C1	C2	C3	C4	Average					
T1	Patel	Shardhha	A20468022	43	50	45	a	d	g	k	46.5					
T2	Froster	Robert	A23456899	51	50	50	b	d	g	k	50.5					
T3	Maxwell	Ann	A34526788	66	50	50	c	d	g	k	55					
T4	Michael	Roy	A23056789	45	50	52	a	d	g	l	No Test case					
T5	Tony	Sutton	A12347897	60	50	45	b	d	g	l	No test case					
T6	Warren	Roger	A20409877	80	50	50	c	d	g	l	No Test case					
T7	Kumar	Rohit	A21345688	33	50	53	a	d	h	k	41.5					
T8	Jain	Rishabh	A20506784	55	40	54	b	d	h	k	47.5					
T9	Shah	Kajol	A21223455	90	45	59	c	d	h	k	67.5					
T10	Johnson	Carlos	A34236785	40	48	50	a	d	h	l	No Test Case					
T11	Brown	Jazz	A23456756	56	47	58	b	d	h	l	No Test case					
T12	Wendy	Romero	A12344455	89	49	54	c	d	h	l	No Test case					
T13	Bhagat	Nandish	A78562312	30	42	62	a	d	i	k	36					
T14	Stevens	Charles	A13458788	46	49	61	b	d	i	k	47.5					
T15	Fisher	John	A12455567	63	49	69	c	d	i	k	66					
T16	Mishra	Gautam	A12223345	42	40	64	a	d	i	l	No test case					
T17	Krishnan	Shweta	A21905643	52	50	61	b	d	i	l	No Test case					
T18	Nagpure	Vaishali	A23004567	90	43	67	c	d	i	l	No Test case					
T19	Suda	Edward	A34567780	40	50	75	a	d	j	k	45					
T20	Tanwar	Aditi	A23344576	48	49	71	b	d	j	k	48.5					
T21	Doyel	Michaela	A23004563	82	50	72	c	d	j	k	66					
T22	Goel	Aman	A12332456	44	58	79	a	d	j	l	No Test case					
T23	Kaur	Mannat	A67543421	59	46	78	b	d	j	l	No Test case					
T24	Singh	Taran	A21332456	88	50	76	c	d	j	l	No Test case					
T25	Chopra	Ria	A22336677	45	51	71	a	e	g	k	48					
T26	Sehgal	Anjali	A12348899	59	54	79	b	e	g	k	56.5					
T27	Sharma	Pooja	A55667990	89	52	72	c	e	g	k	70.5					
T28	Dhir	Akanksha	A22344821	45	51	45	a	e	g	l	No Test case					
T29	Krishnan	Abhirami	A54632189	47	52	49	b	e	g	l	No Test case					
T30	Khan	Marriyam	A12440004	63	54	48	c	e	g	l	No Test case					
T31	Khan	Salman	A22134561	44	53	52	a	e	h	k	48.5					
T32	Thomas	Tom	A12563200	60	50	55	b	e	h	k	55					
T33	Davis	Graham	A23469562	67	54	59	c	e	h	k	60.5					
T34	Hirrish	Rachel	A22113478	44	51	59	a	e	h	l	No test case					
T35	Khan	Zara	A21325670	62	52	52	b	e	h	l	No test case					
T36	Ray	Robert	A89006543	82	51	60	c	e	h	l	No Test case					
T37	Yang	Amber	A11222234	45	50	63	a	e	i	k	47.5					

36	T35	Khan	Zara	A21325670	62	52	52	b	e	h	l	No test case		
37	T36	Ray	Robert	A89006543	82	51	60	c	e	h	l	No Test case		
38	T37	Yang	Amber	A11222234	45	50	63	a	e	i	k	47.5		
39	T38	Zhang	Jin	A11111990	59	55	62	b	e	i	k	57		
40	T39	Underwood	Jerry	A20785642	63	54	69	c	e	i	k	58.5		
41	T40	Walker	Harold	A20755673	44	44	62	a	e	i	l	No Test case		
42	T41	Shaw	Roman	A23457712	55	52	69	b	e	i	l	No Test case		
43	T42	Jones	Jessica	A19997654	88	50	68	c	e	i	l	No Test case		
44	T43	Conner	Brandy	A33328990	33	51	75	a	e	j	k	42		
45	T44	Parsons	Mike	A16665743	48	52	77	b	e	j	k	50		
46	T45	Bruce	Andy	A22345678	90	54	78	c	e	j	k	72		
47	T46	Lowwe	Phillips	A26754822	23	52	79	a	e	j	l	No Test case		
48	T47	Chang	Ashley	A33311209	59	51	78	b	e	j	l	No Test case		
49	T48	Newton	Issac	A12097503	90	54	80	c	e	j	l	No Test case		
50	T49	Simmons	James	A22785001	14	57	45	a	f	g	k	35.5		
51	T50	Anderson	Sabrina	A20664531	55	55	40	b	f	g	k	55		
52	T51	Hunter	Gail	A12456732	88	60	45	c	f	g	k	74		
53	T52	Singh	Bhagat	A23189671	22	80	49	a	f	g	l	No Test case		
54	T53	Singh	Sukhdev	A22233399	59	98	48	b	f	g	l	No Test case		
55	T54	Rajguru	Shivram	A99012034	90	98	48	c	f	g	l	Yes, Test case		
56	T55	Martin	Eve	A11208945	23	57	55	a	f	h	k	40		
57	T56	Ghosh	Megha	A23114535	59	61	59	b	f	h	k	60		
58	T57	Patil	Vaibhav	A20564320	74	88	60	c	f	h	k	No test case		
59	T58	Sophia	Adams	A45321784	45	100	59	a	f	h	l	No Test case		
60	T59	Weber	Stacey	A20904753	58	59	59	b	f	h	l	No Test case		
61	T60	Donald	Macy	A12449990	88	100	60	c	f	h	l	yes, test case		
62	T61	Zhangg	Amanda	A12567432	12	72	67	a	f	i	k	42		
63	T62	Patel	Danniel	A20885643	46	73	69	b	f	i	k	59.5		
64	T63	Brown	Melissa	A20443232	78	56	70	c	f	i	k	67		
65	T64	Bhandari	Nidhi	A23675543	40	100	70	a	f	i	l	No test case		
66	T65	Crystal	Pittis	A12883422	60	100	69	b	f	i	l	No test case		
67	T66	Jonny	George	A23411012	89	100	68	c	f	i	l	yes, test case		
68	T67	Sanders	Joseph	A12001122	10	100	77	a	f	j	k	55		
69	T68	Dorset	Rose	A20589003	60	90	72	b	f	j	k	75		
70	T69	Moore	James	A12778133	89	90	78	c	f	j	k	No Test case		
71	T70	Ortiz	Hellen	A12784364	15	72	74	a	f	j	l	No Test case		
72	T71	Shah	Helly	A27893210	59	87	79	b	f	j	l	No Test case		
73	T72	Alex	Karina	A21090454	84	85	80	c	f	j	l	Yes, test case		

(b)Weak Robust Equivalence testing

Software Testing question 1													
Search (Alt+Q)													
File Home Insert Page Layout Formulas Data Review View Help													
Clipboard Font Alignment Number Styles													
I20													
A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Test Case(T)	Last Name	First Name	Student#	Exam 1	Exam2	Project	Average	Invalid Subdomain Covered				
2	T1	Dh\$ir	Aastha	A20468022	60	50	45	55	1				
3	T2	Sharma	Poo#ja	A12233456	70	50	49	60	2				
4	T3	Suda		A22312211	45	44	52	44.5	3				
5	T4	Reddy	Akshara Sai Konda Radha	A20021113	89	52	72	70.5	4				
6	T5		Akanksha	A20334567	59	54	79	56.5	5				
7	T6	Radhakrishnan Marripalapu Iyer Reddy	Arun	A20334567	30	42	62	36	6				
8	T7	Scott	James	A1	67	54	69	60.5	7				
9	T8	Yang	Amber	A1266657890534	63	49	69	66	8				
10	T9	Tanwar	Aditi	112456833	48	48	71	48.5	9				
11	T10	Shergil	Om	ABCDEF GHI	90	45	59	67.5	10				
12	T11	Fisher	John	A20508921	-20	60	72	20	11				
13	T12	Thomas	Tomm	A20408993	95	67	70	81	12				
14	T13	Bhagat	Nandish	A20908675	61	-34	54	13.5	13				
15	T14	Goel	Aman	A11234569	45	120	56	82.5	14				
16	T15	Davis	Graham	A12445567	55	41	-12	48	15				
17	T16	Ray	Robert	A20002445	63	65	85	64	16				
18	T17	Mishra	Gautam	A22337780	34	55	60	-44	17				
19	T18	Doyel	Michaela	A45673490	82	50	72	110	18				
20													

Problem #2 Boundary Value Testing

Input Conditions	Valid Subdomains/ Boundaries	Invalid Subdomains/ Boundaries
Last name has letters	Yes	No Boundaries
First name has letters	Yes	No Boundaries
Size of the first name (a)	1-15 characters	0 >15
Size of the last name (b)	1-20 characters	0 >20
Size of student # (c)	9	<9 >9
First character of student # is "A"	Yes	No Boundaries
2-8 characters of student# are digits	Yes	No Boundaries
Exam 1(E1)	0<=E1<=45	<0

(d)	46<=E1<=60 61<=E1<=90	>90
Exam2(E2) (e)	0<=E2<=50 51<=E2<=55 56<=E2<=100	<0 >100
Project(P) (f)	0<=P<=50 51<=P<=60 61<=P<=70 71<=P<=80	<0 >80
Average (g)	0<=Avg<=80 81<=Avg<=95	<0 >95

(a) Normal Boundary Value Analysis Test Cases

(a) Size of the first name

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T1	Dhir	A	A20468022	60	50	45	55
T2	Sharma	Akshara Sai Radha	A22345679	45	44	52	44.5
T3	Goel	Sai	A11234667	63	45	59	54
T4	Singh	Tavleen Guru	A22345677	32	40	49	36

(b) Size of last name

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T5	D	Aastha	A20468022	60	50	45	55
T6	Radhakrishnan Lavanya	Akshara	A22345679	45	44	52	44.5
T7	Goel	Sai	A11234667	63	45	59	54
T8	Singh Guru	Tanvi	A22345677	32	40	49	36

(c) Size of student #

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T9	Dhir	Aastha	A20468022	60	50	45	55

(d) Exam1

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T10	Dhir	Aastha	A20468022	0	50	45	25
T11	Sharma	Akshara	A22345679	45	44	52	44.5
T12	Goel	Sai	A11234667	2	45	59	54
T13	Singh	Tavleen	A22345677	44	40	49	36
T14	Kaur	Mannat	A20508796	47	50	52	48.5
T15	Scott	James	A23000456	60	45	55	52.5
T16	Patel	Dhruv	A20130098	59	67	78	63
T17	Chopra	Ria	A12223489	62	61	70	61.5
T18	Davis	Graham	A20564312	90	56	71	73

T19	Doyle	Micaela	A29045367	88	48	50	68
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(d) Exam2

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T20	Dhir	Aastha	A20468022	40	0	45	20
T21	Sharma	Akshara	A22345679	45	50	52	47.5
T22	Goel	Sai	A11234667	27	2	59	14.5
T23	Singh	Tavleen	A22345677	44	48	49	46
T24	Kaur	Mannat	A20508796	47	52	52	49.5
T25	Scott	James	A23000456	60	55	55	57.5
T26	Patel	Dhruv	A20130098	59	57	78	58
T27	Chopra	Ria	A12223489	62	54	70	58
T28	Davis	Graham	A20564312	90	100	71	95
T29	Doyle	Micaela	A29045367	88	97	50	92.5

(e) Project

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T30	Dhir	Aastha	A20468022	40	50	0	20
T31	Sharma	Akshara	A22345679	45	50	3	47.5
T32	Goel	Sai	A11234667	27	42	50	14.5
T33	Singh	Tavleen	A22345677	44	48	47	46
T34	Kaur	Mannat	A20508796	47	52	52	49.5
T35	Scott	James	A23000456	60	55	60	57.5
T36	Patel	Dhruv	A20130098	59	57	58	58
T37	Chopra	Ria	A12223489	62	54	61	58
T38	Davis	Graham	A20564312	90	100	70	95
T39	Doyle	Micaela	A29045367	88	97	68	92.5
T40	Tanwar	Aditi	A20789065	45	48	72	46.5
T41	Sikka	Palak	A12234558	55	64	80	59.5
T42	Markle	Meagan	A12904580	61	56	79	58.5

(f) Average

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T43	Dhir	Aastha	A20468022	0	0	50	0
T44	Sharma	Akshara	A22345679	45	50	39	47.5
T45	Goel	Sai	A11234667	80	80	50	80
T46	Singh	Tavleen	A22345677	44	48	47	46
T47	Kaur	Mannat	A20508796	82	84	52	83
T48	Scott	James	A23000456	90	100	60	95
T49	Patel	Dhruv	A20130098	90	92	58	91

(b) Robust Boundary Value Test Cases

(a) Size of first name

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T1	Dhir		A20468022	60	50	45	55

T2	Sharma	Akshara Sai Radhakrishnan	A22345679	45	44	52	44.5
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(b) Size of last name

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T3		A	A20468022	60	50	45	55
T4	Radhakrishnan Marripalapu Iyer Reddy	Akshara	A22345679	45	44	52	44.5

(c) Size of Student #

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T5	Dhir	Aastha	A2	60	50	45	55
T6	Sharma	Aditi	A22333444455	45	44	52	44.5

(d)Exam1

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T7	Dhir	Aastha	A20468022	-25	50	45	12.5
T8	Sharma	Aditi	A12346739	93	52	52	72.5

(e)Exam2

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T9	Dhir	Aastha	A20468022	60	-26	45	17
T10	Bond	James	A20908765	65	120	55	92.5

(f) Project

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T11	Dhir	Aastha	A20468022	60	50	-27	55
T12	Bond	James	A20567892	65	60	82	62.5

(g)Average

Test Case(T)	Last Name	First Name	Student#	Exam1	Exam2	Project	Average
T13	Dhir	Aastha	A20468022	60	50	45	-31
T14	Bond	James	A20906745	65	70	75	107

Problem # 3 Decision Table Testing

Clipboard			Font			Alignment			Number			Styles			Cells			Editing			Analysis							
B14			X			✓			fx																			
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB
1	Input Conditions	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	R16	R17	R18	R19	R20	R21	R22	R23	R24	R25	R26	R27
2	C1= Name is 20 characters	F	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
3	C2= Salaried	-	T	T	T	T	T	T	T	T	T	F	F	F	F	F	F	F	F	F	T	T	T	T	T	T	T	T
4	C3= Non- Salaried(NS)	-	F	F	F	F	F	F	F	F	F	T	T	T	T	T	T	T	T	T	F	F	F	F	F	F	F	F
5	C4=Item Type= Standard	-	T	T	T	F	F	F	F	F	F	T	T	T	F	F	F	F	F	F	T	T	T	F	F	F	F	F
6	C5=Item Type= Bonus	-	F	F	F	T	T	T	T	F	F	F	F	F	T	T	T	F	F	F	F	F	T	T	T	T	F	F
7	C6= Item Type= General	-	F	F	F	F	F	F	T	T	T	F	F	F	F	F	F	T	T	T	F	F	F	F	F	F	T	T
8	C7= Cust Type=Regular	-	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	F	F	F	F	F	F	F	F
9	C8= Cust type= Walk-in	-	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	T	T	T	T	T	T	T	T
10	C9= Item Price is in integer	F	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
11	C10= 0<=Price<=500	-	T	F	F	T	F	F	T	F	F	T	F	F	T	F	F	T	F	F	T	F	F	T	F	F	T	F
12	C11= 500<Price<=5000	-	F	T	F	F	T	F	F	T	F	F	T	F	F	T	F	T	F	T	F	F	T	F	F	T	F	T
13	C12=Price > 5000	-	F	F	T	F	F	T	F	T	F	F	T	F	F	T	F	F	T	F	F	T	F	F	T	F	F	F
14	Action(A1) = 7% comission																											
15	A2= 3% comission																											
16	A3 = 2% comission																											
17	A4= 30 \$ comission						X	X																				
18	A5 = 65\$ comission																											
19	A6 = no comission		x	x	x	x			X	X	X	X	X	X	X	X	X	X	X	X	X							
20	A7=Incorrect	x																										
21	A8 =Impossible																											
22																												

Clipboard		Font		Alignment		Number		Styles		Cells		Editing		Analysis													
Y14		X		✓		fx																					
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
1	Input Conditions	R28	R29	R30	R31	R32	R33	R34	R35	R36	R37	R38	R39	R40	R41	R42	R43	R44	R45	R46	R47	R48	R49	R50	R51	R52	R53
2	C1= Name is 20 characters	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	F	
3	C2= Salaried	T	F	F	F	F	F	F	F	F	F	-	-	-	-	-	-	-	-	-	-	T	F	-	-	-	
4	C3 = Non- Salaried(NS)	F	T	T	T	T	T	T	T	T	T	-	-	-	-	-	-	-	-	-	-	T	F	-	-	-	
5	C4= Item Type= Standard	F	T	T	T	F	F	F	F	F	F	T	T	T	-	-	-	F	-	-	-	-	-	-	-	-	
6	C5= Item Type= Bonus	F	F	F	F	T	T	T	F	F	F	T	-	T	T	-	-	F	-	-	-	-	-	-	-	-	
7	C6= Item Type= General	T	F	F	F	F	F	F	T	T	T	T	T	-	T	-	-	F	-	-	-	-	-	-	-	-	
8	C7= Cust Type=Regular	F	F	F	F	F	F	F	F	F	F	-	-	-	-	T	F	-	-	-	-	-	-	-	-	-	
9	C8= Cust type= Walk-in	T	T	T	T	T	T	T	T	T	T	-	-	-	-	T	F	-	-	-	-	-	-	-	-	-	
10	C9= Item Price is in integer	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	F	
11	C10= 0<Price<=500	F	T	F	F	T	F	F	T	F	F	-	-	-	-	-	-	-	T	T	T	-	-	-	F	-	
12	C11= 500<Price<=5000	F	F	T	F	F	T	F	F	T	F	-	-	-	-	-	-	-	T	T	-	T	-	-	F	-	
13	C12= Price > 5000	T	F	F	T	F	F	T	F	F	T	-	-	-	-	-	-	-	T	-	T	T	-	-	F	-	
14	Action(A1) = 7% comission					X			X	X																	
15	A2= 3% comission										X																
16	A3 = 2% comission	X	X	X	X																						
17	A4= 30 \$ comission																										
18	A5 = 65\$ comission						X	X																			
19	A6 = no comission																										
20	A7=Incorrect																										
21	A8 = Impossible											X	X	X	X	X							X	X	X	X	
22																											
23																											
24																											
25																											

Test Cases for Decision Table

	A	B	C	D	E	F	G	H	I	J	K
1	Test case(T)	Name of Salesman	Salesman type	Item type	Customer type	Item Price	Action				
2	T1	Aman Radhakrishnan Marripalapu	-	-	-	Price not integer	A7, Incorrect, no test case				
3	T2	Aastha Dhir	Salaried	Standard	Regular	250 A6, yes test case					
4	T3	Akanksha Sharma	Salaried	Standard	Regular	510 A6, yes test case					
5	T4	Shoib Malik	Salaried	Standard	Regular	5500 A6, yes test case					
6	T5	Prathna Dugal	Salaried	Bonus	Regular	300 A6, yes test case					
7	T6	Sambhavna Sethi	Salaried	Bonus	Regular	600 A4,yes test case					
8	T7	Mary Kom	Salaried	Bonus	Regular	5001 A4,yes test case					
9	T8	James Scott	Salaried	General	Regular	100 A6, yes test case					
10	T9	Graham Davis	Salaried	General	Regular	4500 A6, yes test case					
11	T10	Michaela Doyle	Salaried	General	Regular	6000 A6, yes test case					
12	T11	Marria Pinto	Non Salaried	Standard	Regular	45 A6, yes test case					
13	T12	Bhakti Singh	Non Salaried	Standard	Regular	3200 A6, yes test case					
14	T13	Aditya Tripathi	Non Salaried	Standard	Regular	5400 A6, yes test case					
15	T14	Tom George	Non Salaried	Bonus	Regular	120 A6, yes test case					
16	T15	Karina Fisher	Non Salaried	Bonus	Regular	4000 A6, yes test case					
17	T16	Naina Mathur	Non Salaried	Bonus	Regular	5100 A6, yes test case					
18	T17	Sammuel Roy	Non Salaried	General	Regular	12 A6, yes test case					
19	T18	Pooja Sharma	Non Salaried	General	Regular	550 A6, yes test case					
20	T19	Aditi Tanwar	Non Salaried	General	Regular	5300 A6, yes test case					
21	T20	Gautam Mishra	Salaried	Standard	Walk in	130 A3,yes test case					
22	T21	Umang Rathi	Salaried	Standard	Walk in	800 A3,yes test case					
23	T22	Sush Marry	Salaried	Standard	Walk in	8000 A3,yes test case					
24	T23	Huma Khan	Salaried	Bonus	Walk in	350 A2,yes test case					
25	T24	David Beckham	Salaried	Bonus	Walk in	2000 A4,yes test case					
26	T25	Priya Goel	Salaried	Bonus	Walk in	6300 A4,yes test case					
27	T26	Samntha Prabhu	Salaried	General	Walk in	242 A3,yes test case					
28	T27	Evelyn Martin	Salaried	General	Walk in	530 A3,yes test case					
29	T28	Joseph Roy	Salaried	General	Walk in	5600 A3,yes test case					
30	T29	Salman Khan	Non Salaried	Standard	Walk in	34 A3,yes test case					
31	T30	Kabir Khan	Non Salaried	Standard	Walk in	700 A3,yes test case					
32	T31	Shah Rukh Khan	Non Salaried	Standard	Walk in	7600 A3,yes test case					
33	T32	Gauri Sharma	Non Salaried	Bonus	Walk in	220 A1, yes test case					
34	T33	Pihu Sinha	Non Salaried	Bonus	Walk in	3500 A5, yes test case					
35	T34	Sweety Konda	Non Salaried	Bonus	Walk in	6700 A5, yes test case					
36	T35	Shweta Singh	Non Salaried	General	Walk in	99 A1, yes test case					
37	T36	Arpita Shah	Non Salaried	General	Walk in	820 A1, yes test case					
38	T37	Helly Shah	Non Salaried	General	Walk in	7800 A2,yes test case					

37	T36	Arpita Shah	Non Salaried	General	Walk in	820 A1, yes test case		
38	T37	Helly Shah	Non Salaried	General	Walk in	7800 A2,yes test case		
39	T38	Chahat Jain	-	Standard,Bonus, General	-	270 A8, no test case		
40	T39	Malik Khan	-	Standard, General	-	2400 A8, no test case		
41	T40	Kajol Ghosh	-	Standard, Bonus	-	1000 A8, no test case		
42	T41	Rishabh Jain	-	Bonus, General	-	1200 A8, no test case		
43	T42	Rohit Kumar	-	-	Regular, Walk in	340 A8, no test case		
44	T43	Edward Suda	-	-	Not Regular or walk in	2100 A7,incorrect,no test case		
45	T44	Rose Dorsel	-	Not Standard, Bonus or general	-	1204 A7, incorrect, no test case		
46	T45	Vaishali Nagpure	-	-	-	120, 1245 , 7800	A8, no test case	
47	T46	Amit Singh	-	-	-	120, 1564, 9000	A8, no test case	
48	T47	Ausaf Ali	-	-	-	23, 6800	A8, no test case	
49	T48	Yang Amber	-	-	-	3404, 7700	A8, no test case	
50	T49	Charles Stevens	Salaried, non salaried	-	-	321 A8, no test case		
51	T50	Roger Warren	Not Salaried or non salaried	-	-	122 A7, incorrect no test case		
52	T51	Phillips Newton	-	-	-	Not in any given range	A7, incorrect no test case	
53	T52	Maria Radhakrishnan Iyer Reddy	-	-	-	-	A7, incorrect no test case	
54	T53	-	-	-	-	Not an integer	A7,incorrect,no test case	

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