

Last Week

- Arithmetic Operators
- Data Types
- Variables and Constants
- ASCII codes

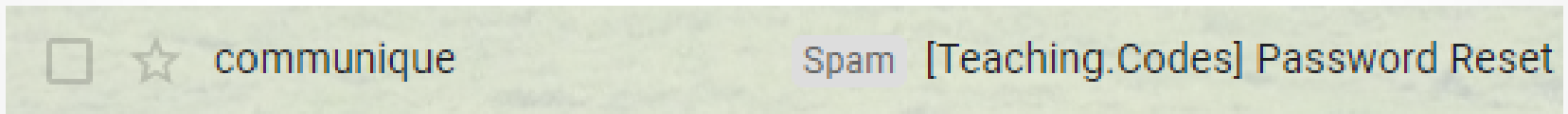
Lab Content:

<https://github.com/zeynepyirmibes/cmpe150-spring20>

Teaching Codes Accounts

If you can't login:

- Do not try to login from the website, you must login through the Eclipse plug-in
- Account passwords are sent to you, please check your Spam folder, and all mailboxes for **communique**



- Follow instructions from the last e-mail sent to you by **listeci**
- If you still can't login, send an e-mail to **cmpe150.mail@gmail.com**

First Quiz

- **Start: 12:30**
- **End: 12:50**
- **Not graded.**

Overflow



Max. Value of integer = 2147483647

Min. Value of integer = -2147483648

$$2147483647 + 1 = -2147483648$$

→ **Overflow**

Max. Value + 1 = Min. Value

ASCII Codes

Ascii	Char	Ascii	Char	Ascii	Char	Ascii	Char
0	Null	32	Space	64	@	96	`
1	Start of heading	33	!	65	A	97	a
2	Start of text	34	"	66	B	98	b
3	End of text	35	#	67	C	99	c
4	End of transmit	36	\$	68	D	100	d
5	Enquiry	37	%	69	E	101	e
6	Acknowledge	38	&	70	F	102	f
7	Audible bell	39	'	71	G	103	g
8	Backspace	40	(	72	H	104	h
9	Horizontal tab	41	)	73	I	105	i
10	Line feed	42	*	74	J	106	j
11	Vertical tab	43	+	75	K	107	k
12	Form feed	44	,	76	L	108	l
13	Carriage return	45	-	77	M	109	m
14	Shift in	46	.	78	N	110	n
15	Shift out	47	/	79	O	111	o
16	Data link escape	48	0	80	P	112	p
17	Device control 1	49	1	81	Q	113	q
18	Device control 2	50	2	82	R	114	r
19	Device control 3	51	3	83	S	115	s
20	Device control 4	52	4	84	T	116	t
21	Neg. acknowledge	53	5	85	U	117	u
22	Synchronous idle	54	6	86	V	118	v
23	End trans. block	55	7	87	W	119	w
24	Cancel	56	8	88	X	120	x
25	End of medium	57	9	89	Y	121	y
26	Substitution	58	:	90	Z	122	z
27	Escape	59	;	91	[	123	{
28	File separator	60	<	92	\	124	|
29	Group separator	61	=	93	]	125	}
30	Record separator	62	>	94	^	126	~
31	Unit separator	63	?	95	_	127	Forward del.

Quiz Tips

- Only print what is indicated in the description
- Open **Question.c**, not the **.txt**
- Write your code inside the indicated area
- Do not change anything outside the indicated area
- **Try all inputs**, and see that the outputs are correct
- When you are finished, save your code (CTRL+S)
- Click **Submit**, it may take a while
- After submission, **Logout**

Operators

- We have learned: `+`, `-`, `/`, `*`, `%`
- Next: `++x`, `x++`, `--x`, `x--`, `+=`, `*=`
- Increment operator : `++i`; `i++`;
- Decrement operator : `--i`; `i--`;