Kelompok 1	NIM	Kelas	Kelompok 2	NIM	Kela
Nur Cholis Arifin	J3D219169	B2	Dimas Dwicahya	J3D119034	A2
Muhammad Tholhah Rafi	J3D219166	B2	Dhian Febriasti	J3D119031	A1
Muhamad Rynaldy	J3D219159	B2	Aulia Ifad Fadilah	J3D219142	A2
M Aldy Pratama	J3D219156	B1	Khoerunnisa Ayu Frika Amanda	J3D219153	A2
Hilmansyah Firdaus	J3D219151	B1	Muhammad Adhi A.F	J3D119083	A1
Ardianto	J3D119015	B2	Rizky Ayu Nandita P	J3D119116	A1
Naufal Hakim	J3D219169	B1	M Daffa Aldora R	J3D119086	A1
Muhammad Syahrul	J3D219136	B1	Fayiz Tsari Rafi	J3D119048	A2
			Silahkan List anggota Baru		
Kelompok 3	NIM	Kelas	Kelompok 4	NIM	Kela
Muhammad Barraq	J3D119085	A1	Aufa Rahman	J3D119019	A2
Dimas Nur Fauzi	J3D119035	A1	Caesaria Salma Salsabilla Farda	ani J3D119024	A2
Muhammad Gibran Yudassasmita	J3D119089	A1	Indrisa Siti Rahmawati	J3D119059	A2
Erly Conisonna Br Sitepu	J3D119041	A2	Irvan Anugrah	J3D119064	A1
Dian Theresia Silitonga	J3D119032	A2	Muhamad Bagas Adil Hakim	J3D119081	A2
Fahmi Andriawan	J3D119044	A2	Walgi Banjar Nahor	J3D119131	A2
Diqfan Haris Imaman	J3D119036	A1	Wiranata	J3D119132	A2
Indi Jaka	J3D119058	A1	Luthfi Juliansyah	J3D219154	A2
		List kelas be	erta praktikumnya contoh ap1 atau bp1		
Kelompok 5	NIM	Kelas	Kelompok 6	NIM	Kela
Muhamad Ega Nugraha	J3D219158	A2	Syarah Fazrin	J3D119127	A2
Muhammad Farhan	J3D219164	A2	Sila Damayanti	J3D119124	A1
Fatahilah Zaky Petera Sinaga	J3D219147	A2	Sulis Sania Azhari	J3D119126	B2
Chosy Garrin Boewono	J3D219144	A2	Gri Lestari Muamalah	J3D119054	A1
Bagus Burham Al Sirot	J3D119020	A1	Permata Tribagio Santoso	J3D119105	A2
Thufeil Muhammad Nur Aziz	J3D219181	A1	Ahmad Lutfi Rois	J3D119006	B1
M Aliefathur Zidane Ramadhani	J3D219155	A1	Muhammad Raihan Adyantama	J3D119093	A2
Febriyawan	J3D219149	A1	Kadiev El Arigi	J3D119066	A2
Kelompok 7	NIM	Kelas	Kelompok 8	NIM	Kela
Muhammad Ashraf Mutawally	J3D119084	A2	Delwiena Agnel Viera Br Ginting	J3D119029	B1
Dalva Akbar	J3D119028	A1	Barkah Isnaeni	J3D119022	B2
Nifati Sari Daeli	J3D219168	A1	Tasya Humaira Harahap	J3D219180	B2
Syifa Syahfrilda	J3D119128	A2	Shafira Novita Putri	J3D219176	B1
Gede Abdullah	J3D119049	A1	Saddam Husein	J3D219174	B1
Ananda Rizky Raihansyah	J3D119013	A2	Muhammad Thoriq Raihan	J3D119098	B2
Abdus Shoifiddin Anhas	J3D119003	A1	Bhoma Wikantioso Indrawan	J3D119023	B2
Aryo Bhagaskara	J3D119017	A2	Tiffany Putri Fadhilah	J3D219182	A1

Kelompok 9	NIM	Kelas		Kelompok 10	NIM	Kelas
Erlin Arlitasari	J3D119001	bp2		Ridwan Syamsa Saefullah	J3D119112	B1
Alya Faradiskha Aziz	J3D119011	ар1		Christin Ayuningtyas	J3D119027	B1
Eryan Alifa Fajriani	J3D119042	bp2		Chintya Octaviana Putri	J3D119026	B2
Vina Lestari	J3D219183	bp2		Alfian Liyanvasyah	J3D119008	B1
Diaz Eka Permana Nugraha	J3D119033	bp1		Reihan Ramadhan	J3D219171	B1
Muhammad Roihan	J3D119096	ap1		Muhammad Naufal Gunawan	J3D119092	B1
Muhammad Raihan Azamsyah	J3D119094	bp2		Muhammad Ilham	J3D119091	B2
Hilmi Fauzan Ramadhan	J3D219152	bp1		Althaf Syahtiar Rizqullah	J3D119010	B1
			Silahkan List anggota Baru			
Kelompok 11	NIM	Kelas		Kelompok 12	NIM	Kelas
Arief Kurnia Ananda	J3D119016	BP1		Andreas Januar Saputra	J3D219138	AP1
Bagus Raspati	J3D119021	BP1		Assaduddin Ahmad	J3D219141	AP2
Dwi Yulinar	J3D119039	AP1		Maisitha Muthia Fakhira	J3D219157	AP1
Glenaldin Halim	J3D119052	AP2		M. Hisyam Agung H.	J3D119069	AP1
Meihair Alfianzen Tarigan	J3D119072	BP2		Prakasita Dewanti	J3D119106	BP2
Nur Tri Wahyudiningsih	J3D119101	AP1		Riyan Ibnu Abdilah	J3D219173	AP2
Ramadhan Kukuh Prakoso	J3D119110	AP2		Syifa Aulia Az Zahra	J3D219178	AP1
Safrizal Abdul Latief	J3D119119	BP2		Zhalfa Putri Zakhirah	J3D219184	BP1
		List kelas be	erserta praktikumnya contoh ap	1 atau bp1		
Kelompok 13	NIM	Kelas		Kelompok 14	NIM	Kelas
Aditya Muhammad Fallen	J3D119005	BP1		Inda Khairunnisa Shofuro	J3D119057	BP2
Awalludin Luthfi Hirlan Bahari	J3D219143	BP1		Rayi Ramandhika Anugrah	J3D119111	BP2
Fauzan Nabiltaqi	J3D219148	BP2		Rifqi Akbar Z	J3D119113	AP2
Fransiskus Baskara Bagus	J3D219150	BP2		Romulus Munggara Putra	J3D119118	AP1
Muhammad Afghani Basyara						
J	J3D219160	BP2		Zulfan Ahmad Kamal	J3D119133	AP1
Raja Alamsyah Tahir	J3D219170	BP1		Zulfan Ahmad Kamal Sandi Teguh Prasetyo	J3D119133 J3D119121	BP1
Raja Alamsyah Tahir Rinaldi Ariyanda	J3D219170 J3D219172	BP1 BP2		Zulfan Ahmad Kamal Sandi Teguh Prasetyo Irham Naufal Yulian	J3D119133 J3D119121 J3D119063	
Raja Alamsyah Tahir	J3D219170	BP1		Zulfan Ahmad Kamal Sandi Teguh Prasetyo	J3D119133 J3D119121	BP1
Raja Alamsyah Tahir Rinaldi Ariyanda Zikri Zakaria Salam	J3D219170 J3D219172 J3D219185	BP1 BP2 BP2		Zulfan Ahmad Kamal Sandi Teguh Prasetyo Irham Naufal Yulian Priyandana Sipahutar	J3D119133 J3D119121 J3D119063 J3D119107	BP1 AP1
Raja Alamsyah Tahir Rinaldi Ariyanda Zikri Zakaria Salam Kelompok 15	J3D219170 J3D219172 J3D219185	BP1 BP2 BP2 Kelas		Zulfan Ahmad Kamal Sandi Teguh Prasetyo Irham Naufal Yulian Priyandana Sipahutar Kelompok 16	J3D119133 J3D119121 J3D119063 J3D119107	BP1 AP1 Kelas
Raja Alamsyah Tahir Rinaldi Ariyanda Zikri Zakaria Salam Kelompok 15 Natasya Alifatul Afifah	J3D219170 J3D219172 J3D219185 NIM J3D119100	BP1 BP2 BP2 Kelas BP2		Zulfan Ahmad Kamal Sandi Teguh Prasetyo Irham Naufal Yulian Priyandana Sipahutar Kelompok 16 Vina Mariani Butarbutar	J3D119133 J3D119121 J3D119063 J3D119107 NIM J3D119130	BP1 AP1 Kelas BP1
Raja Alamsyah Tahir Rinaldi Ariyanda Zikri Zakaria Salam Kelompok 15 Natasya Alifatul Afifah Asri Apriliana Sitorus	J3D219170 J3D219172 J3D219185 NIM J3D119100 J3D119018	BP1 BP2 BP2 Kelas BP2 BP1		Zulfan Ahmad Kamal Sandi Teguh Prasetyo Irham Naufal Yulian Priyandana Sipahutar Kelompok 16 Vina Mariani Butarbutar Muhammad Zahran Silalahi	J3D119133 J3D119121 J3D119063 J3D119107 NIM J3D119130 J3D119099	BP1 Kelas BP1 BP1
Raja Alamsyah Tahir Rinaldi Ariyanda Zikri Zakaria Salam Kelompok 15 Natasya Alifatul Afifah Asri Apriliana Sitorus Michael Angelo Sirait	J3D219170 J3D219172 J3D219185 NIM J3D119100 J3D119018 J3D119074	BP1 BP2 BP2 Kelas BP2 BP1 BP2		Zulfan Ahmad Kamal Sandi Teguh Prasetyo Irham Naufal Yulian Priyandana Sipahutar Kelompok 16 Vina Mariani Butarbutar Muhammad Zahran Silalahi Monica Sari Yose SM	J3D119133 J3D119121 J3D119063 J3D119107 NIM J3D119130 J3D119099 J3D119079	BP1 Kelas BP1 BP1 BP2
Raja Alamsyah Tahir Rinaldi Ariyanda Zikri Zakaria Salam Kelompok 15 Natasya Alifatul Afifah Asri Apriliana Sitorus Michael Angelo Sirait Polindo Asimon Pardosi	J3D219170 J3D219172 J3D219185 NIM J3D119100 J3D119018 J3D119074 J3D119104	BP1 BP2 BP2 Kelas BP2 BP1 BP2 BP2		Zulfan Ahmad Kamal Sandi Teguh Prasetyo Irham Naufal Yulian Priyandana Sipahutar Kelompok 16 Vina Mariani Butarbutar Muhammad Zahran Silalahi Monica Sari Yose SM Kelvin Muliawan	J3D119133 J3D119121 J3D119063 J3D119107 NIM J3D119130 J3D119099 J3D119079 J3D119067	Kelas BP1 BP1 BP1 BP2 BP1
Raja Alamsyah Tahir Rinaldi Ariyanda Zikri Zakaria Salam Kelompok 15 Natasya Alifatul Afifah Asri Apriliana Sitorus Michael Angelo Sirait Polindo Asimon Pardosi Ariya Aristo	J3D219170 J3D219172 J3D219185 NIM J3D119100 J3D119018 J3D119074 J3D119104 J3D219140	BP1 BP2 BP2 Kelas BP2 BP1 BP2 BP2 BP2		Zulfan Ahmad Kamal Sandi Teguh Prasetyo Irham Naufal Yulian Priyandana Sipahutar Kelompok 16 Vina Mariani Butarbutar Muhammad Zahran Silalahi Monica Sari Yose SM Kelvin Muliawan Mohammad Adrian Pahlevi	J3D119133 J3D119121 J3D119063 J3D119107 NIM J3D119130 J3D119099 J3D119079 J3D119067 J3D119078	BP1 AP1 Kelas BP1 BP1 BP2 BP1 BP2 BP3 BP4 BP
Raja Alamsyah Tahir Rinaldi Ariyanda Zikri Zakaria Salam Kelompok 15 Natasya Alifatul Afifah Asri Apriliana Sitorus Michael Angelo Sirait Polindo Asimon Pardosi Ariya Aristo Fachrul Rahmiky	J3D219170 J3D219172 J3D219185 NIM J3D119100 J3D119018 J3D119074 J3D119104 J3D219140 J3D119043	BP1 BP2 BP2 Kelas BP2 BP1 BP2 BP2 BP2 BP2 BP2 BP1		Zulfan Ahmad Kamal Sandi Teguh Prasetyo Irham Naufal Yulian Priyandana Sipahutar Kelompok 16 Vina Mariani Butarbutar Muhammad Zahran Silalahi Monica Sari Yose SM Kelvin Muliawan Mohammad Adrian Pahlevi Dhani Faturrachman	J3D119133 J3D119121 J3D119063 J3D119107 NIM J3D119130 J3D119099 J3D119079 J3D119067 J3D119078 J3D119030	Kelas BP1 Kelas BP1 BP1 BP2 BP1 BP2 BP1 BP2 BP1
Raja Alamsyah Tahir Rinaldi Ariyanda Zikri Zakaria Salam Kelompok 15 Natasya Alifatul Afifah Asri Apriliana Sitorus Michael Angelo Sirait Polindo Asimon Pardosi Ariya Aristo	J3D219170 J3D219172 J3D219185 NIM J3D119100 J3D119018 J3D119074 J3D119104 J3D219140	BP1 BP2 BP2 Kelas BP2 BP1 BP2 BP2 BP2		Zulfan Ahmad Kamal Sandi Teguh Prasetyo Irham Naufal Yulian Priyandana Sipahutar Kelompok 16 Vina Mariani Butarbutar Muhammad Zahran Silalahi Monica Sari Yose SM Kelvin Muliawan Mohammad Adrian Pahlevi	J3D119133 J3D119121 J3D119063 J3D119107 NIM J3D119130 J3D119099 J3D119079 J3D119067 J3D119078	BP1 AP1 Kelas BP1 BP1 BP2 BP1 BP2 BP3 BP4 BP