CS-1A

Day/Period	I	п	ш	1:15-1:45	īV	v
Monday		Introduction to Information Technology - Lab Muiz Qadir	on and Communication		English Composition and Comprehension - Lab 1 Muhammad Iqbal English Composition and Comprehension 1 Junaid Shahid	English Composition and Comprehension - Lab 1 Muhammad Iqbal
Tuesday	Linear Algebra Amjad Hussain	1	English Composition and Comprehension - Lab 1 Sadia Ashfaq		English Composition and Comprehension - Lab 1 Sadia Ashfaq	
Wednesday	Digital Logic Design - Lab 1 Muhammad Arsl an		English Composition and Comprehension 1 Muhammad Ammar	L U N C H	Islamic Studies/Ethics 1 Rizwanullah	
Thursday	Programming Fundamenta Mughees Ismail	ıls - Lab 1	Islamic Studies/Ethics 1 Rizwanullah		Digital Logic Design 1 Mirza Waqar Baig	English Composition and Comprehension 1 Muhammad Ammar
Friday	English Composition and Comprehension 1 Junaid Shahid		Programming Fundamentals 1 Rizwan ul Haq		Programming Fundamentals 1 Rizwan ul Haq	Digital Logic Design 1 Mirza Waqar Baig

CS-1B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Digital Logic Design 1 Muhammad Sajid Iqbal	English Composition and C	Comprehension - Lab 1		Digital Logic Design - Lab Mujahid Hussain	1
Tuesday		Linear Algebra 1 Amjad Hussain	Introduction to Information and Communication Technology - Lab		Introduction to Information and Communication Technology - Lab 1 Umar Naseer	
Wednesday	Islamic Studies/Ethics 1 Rizwanullah	Programming Fundamenta Pariwish Touseef	Programming Fundamentals - Lab Pariwish Touseef		Digital Logic Design 1 Muhammad Sajid Iqbal	English Composition and Comprehension 1 Junaid Shahid
Thursday	English Composition and C	omprehension - Lab			Islamic Studies/Ethics 1 Rizwanullah	English Composition and Comprehension 1 Muhammad Ammar
Friday	English Composition and Comprehension 1 Muhammad Ammar	Programming Fundamentals 1 Rizwan ul Haq	Linear Algebra 1 Amjad Hussain		English Composition and Comprehension 1 Junaid Shahid	Programming Fundamentals 1 Rizwan ul Haq

CS-1C

Day/Period	ī	п	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension - Lab 1 Rida Akram		English Composition and Comprehension - Lab 1 Junaid Shahid		English Composition and Comprehension - Lab 1 Junaid Shahid	
Tuesday	Digital Logic Design - Lab 1 Mujahid Hussain		Islamic Studies/Ethics 1 Zia Ahmad			
Wednesday	Introduction to Information and Communication Technology - Lab 1 Aqsa Younas		Linear Algebra 1 Amjad Hussain	L U N C H	Linear Algebra 1 Amjad Hussain	Islamic Studies/Ethics 1 Zia Ahmad
Thursday			English Composition and Comprehension 1 Junaid Shahid English Composition and Comprehension 1 Muhammad Ammar		Programming Fundamenta Ayesha Liaqat	lls - Lab
Friday	Digital Logic Design 1 Dr. Adil Zulfiqar	Programming Fundamentals 1 Dr. Rabia Maqsood	Digital Logic Design 1 Dr. Adil Zulfiqar		Programming Fundamentals 1 Dr. Rabia Maqsood	English Composition and Comprehension 1 Junaid Shahid English Composition and Comprehension 1 Muhammad Ammar

CS-1D

Day/Period	I	II	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension 1 Sadia Ashfaq		English Composition and Comprehension - Lab 1 Rida Akram		English Composition and Comprehension - Lab 1 Rida Akram	Calculus and Analytical Geometry 1 Dr.Mushtaq Ahmad
Tuesday	Introduction to Information and Communication Technology - Lab 1 Aqsa Younas					Applied Physics 1 Waheed Ahmad
Wednesday	English Composition and Comprehension - Lab Anna Farooq			L U N C H	Programming Fundamentals 1 Dr. Rabia Maqsood	
Thursday	Applied Physics 1 Waheed Ahmad	English Composition and Comprehension 1 Farah Iqbal	English Composition and Comprehension 1 Farah Iqbal English Composition and Comprehension 1 Sadia Ashfaq		Programming Fundamenta Muhammad Azeem Iftikha	1
Friday	Islamic Studies/Ethics 1 Zia Ahmad	Programming Fundamentals 1 Dr. Rabia Maqsood	Calculus and Analytical Geometry 1 Dr.Mushtaq Ahmad		Islamic Studies/Ethics 1 Zia Ahmad	

CS-1E

Day/Period	I	п	ш	1:15-1:45	īV	v
Monday	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad	Introduction to Information Technology - Lab Muiz Qadir	on and Communication		English Composition and Comprehension - Lab 1 Amna Farooq English Composition and Comprehension 1 Muhammad Iqbal	English Composition and Comprehension - Lab 1 Amna Farooq
Tuesday		English Composition and Comprehension 1 Farah Iqbal			Programming Fundamenta Mughees Ismail	ıls - Lab
Wednesday	English Composition and Comprehension 1 Muhammad Iqbal	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad		L U N C H		Pakistan Studies 1 Asif Naveed
Thursday		English Composition and Comprehension - Lab 1 Mah Rukh			Pakistan Studies 1 Asif Naveed	Applied Physics 1 Waheed Ahmad
Friday	Programming Fundamentals 1 Dr. Danish Shehzad	Applied Physics 1 Waheed Ahmad	English Composition and Comprehension 1 Farah Iqbal			Programming Fundamentals 1 Dr. Danish Shehzad

CS-1F

Day/Period	I	п	ш	1:15-1:45	īv	v
Monday	Programming Fundamentals 1 Saqib Hayat	Applied Physics 1 Waheed Ahmad	Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad		English Composition and C Entasham-Ul-Haq English Composition and Co Muhammad Iqbal	1
Tuesday		Calculus and Analytical Geometry 1 Dr. Mushtaq Ahmad			English Composition and Comprehension - Lab 1 Mah Rukh	English Composition and Comprehension - Lab 1 Mah Rukh English Composition and Comprehension 1 Sadia Ashfaq
Wednesday	Introduction to Information and Communication Technology - Lab Muhammad Haseeb Arshad			L U N C H	Pakistan Studies 1 Asif Naveed	English Composition and Comprehension 1 Sadia Ashfaq
Thursday		Programming Fundamentals 1 Saqib Hayat	Programming Fundamentals - Lab 1 Umar Naseer		Programming Fundamentals - Lab 1 Umar Naseer	Pakistan Studies 1 Asif Naveed
Friday		Applied Physics 1 Waheed Ahmad				

CS-3A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Applied Physics 1 Muhammad Mohsin Hameed	Abuzar Ghafari Differential Equations	Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari Computer Organization and Assembly Language 1 Abdul Qadeer Bilal Object Oriented Programming 1 Shoaib Saleem		Object Oriented Programming - Lab 1 Muhammad Hannan Farooq Data Structures 1 Muhammad Husnain	Object Oriented Programming - Lab 1 Muhammad Hannan Farooq
Tuesday	Discrete Structures 1 Dr. Muhammad Ahmad		Data Structures - Lab 1 Saba Aslam		Data Structures - Lab 1 Saba Aslam Applied Physics 1 Muhammad Mohsin Hameed	Calculus and Analytical Geometry 1 Bushra Ni az
Wednesday	Digital Logic Design 1 Muhammad Irfan Ishaq		Digital Logic Design 1 Muhammad Irfan Ishaq	L U N C H	Object Oriented Programming 1 Shoaib Saleem	
Thursday	Differential Equations 1 Arfan Shahzad Linear Algebra 1 Ghilmana Sarmad	Finance & Accounting 1 Agha Mureed Ahmad Khan	Data Structures 1 Muhammad Husnain		Calculus and Analytical Geometry 1 Bushra Niaz Computer Organization and Assembly Language 1 Abdul Qadeer Bilal	Linear Algebra 1 Chilmana Sarmad
Friday	Finance & Accounting 1 Agha Mureed Ahmad Khan				Discrete Structures 1 Dr. Muhammad Ahmad	

CS-3B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Object Oriented Programming - Lab Muhammad Hannan Farooq		Computer Organization and Assembly Language 1 Abdul Qadeer Bilal		Computer Orgnaization and Assembly Langua Ali Raza	
Tuesday	Computer Organization and Assembly Language 1 Abdul Qadeer Bilal	Fundamentals of Management 1 Muhammad Tayyeb Riaz			Data Structures - Lab Muhammad Hannan Faroo	ĸĮ
Wednesday			Fundamentals of Management 1 Muhammad Tayyeb Riaz	L U N C H	Object Oriented Programming 1 Dr Usman Habib	
Thursday	Discrete Structures Dr. Muhammad Ahmad	1			Object Oriented Programming 1 Dr Usman Habib	
Friday		Differential Equations 1 Arfan Shahzad				Differential Equations 1 Arfan Shahzad

CS-3C

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday			Differential Equations 1 Arfan Shahzad		Data Structures 1 Dr. Hashim Yasin	
Tuesday					Computer Orgnaization an	d Assembly Language - Lab 1
Wednesday				L U N C H		
Thursday	Data Structures - Lab Mughees Ismail	1			Marketing Management Syed Zeeshan Haider	1
Friday			Differential Equations 1 Arfan Shahzad		Data Structures 1 Dr. Hashim Yasin	

CS-3D

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Differential Equations 1 Muhammad Waqas Javed	Discrete Structures 1 Usman Ghous				Marketing Management 1 Syed Zeeshan Haider
Tuesday		Data Structures 1 Muhammad Usman Joyia			Marketing Management 1 Syed Zeeshan Haider	
Wednesday		Discrete Structures 1 Usman Ghous	Data Structures - Lab 1 Saba Aslam	L U N C H	Data Structures - Lab 1 Saba Aslam	Data Structures 1 Muhammad Usman Joyia
Thursday	Computer Orgnaization an Ali Raza	d Assembly Language - Lab 1	Differential Equations 1 Muhammad Waqas Javed			
Friday						

CS-3E

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday			Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari		Computer Organization and Assembly Language - Lab 1 Abuzar Ghafari	
Tuesday			Finance & Accounting 1 Agha Mureed Ahmad Khan			
Wednesday				L U N C H	Finance & Accounting 1 Agha Mureed Ahmad Khan	
Thursday						Differential Equations 1 Hayat Ali
Friday		Differential Equations 1 Hayat Ali				

CS-5A

Day/Peri od	ī	п	ш	1:15-1:45	IV	v
Monday			Computer Networks - Lab 1 Ayesha Liaqat		Computer Networks - Lab 1 Ayesha Liaqat	
Tuesday		Software Design and Analysis 1 Dr. Muhammad Bilal	Probability and Statistics 1 Haris Khurram			
Wednesday		Web Programming 1 Muhammad Shahrose Khan		L U N C H	Probability and Statistics 1 Haris Khurram	Computer Networks 1 Masood Habib
Thursday	Theory of Automata 1 Anmol Bilal		Computer Networks 1 Masood Habib		Software Design and Analysis 1 Dr. Muhammad Bilal	
Friday			Web Programming 1 Muhammad Shahrose Khan		Theory of Automata 1 Anmol Bilal	

CS-5B

Day/Period	ī	п	ш	1:15-1:45	IV	v
Monday		Web Programming 1 Muhammad Shahrose Khan				Marketing Management 1 Hafiz M.Zeeshan Raza
Tuesday						
Wednesday		Computer Networks 1 Dr. Bilal Khan	Computer Networks - Lab 1 Ayesha Liaqat	L U N C H	Computer Networks - Lab 1 Ayesha Liaqat	Web Programming 1 Muhammad Shahrose Khan
Thursday		Software Design and Analysis 1 Dr. Muhammad Bilal	Computer Networks 1 Dr. Bilal Khan		Marketing Management 1 Hafiz M.Zeeshan Raza	Theory of Automata 1 Anmol Bilal
Friday		Theory of Automata 1 Anmol Bilal	Software Design and Analysis 1 Dr. Muhammad Bilal			

CS-5C

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Advanced Programming 1 Awais Azam				
Tuesday	Computer Networks - Lab Sumaira Mustafa	1	Probability and Statistics 1 Haris Khurram		Computer Networks 1 Dr. Bilal Khan	Software Design and Analysis 1 Dr. Uzair Iqbal
Wednesday			Software Design and Analysis 1 Dr. Uzair Iqbal	L U N C H		
Thursday		Theory of Automata 1 Numan Shafi	Advanced Programming 1 Awais Azam		Computer Networks 1 Dr. Bilal Khan	
Friday	Probability and Statistics 1 Haris Khurram				Theory of Automata 1 Numan Shafi	

CS-5D

			•			
Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Psychology 1 Aisha Bano	Operating System 1 Usman Ghous				Theory of Automata 1 Numan Shafi
Tuesday		Database Systems 1 Saqib Hayat			Database Systems - Lab Saqib Hayat	1
Wednesday	Design and Analysis of Algorithms 1 Shoaib Saleem		Discrete Structures 1 Usman Ghous Operating System 1 Usman Ghous	L U N C H		Theory of Automata 1 Numan Shafi
Thursday		Database Systems 1 Saqib Hayat			Operating Systems - Lab Muhammad Haseeb Arshad	1 I
Friday			Psychology 1 Aisha Bano		Discrete Structures 1 Usman Ghous	Design and Analysis of Algorithms 1 Shoaib Saleem

CS-5E

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Psychology 1 Aisha Bano					
Tuesday	Database Systems - Lab Muhammad Shahrose Khar	1	Psychology 1 Aisha Bano			
Wednesday	Theory of Automata 1 Numan Shafi	Design and Analysis of Alg Shoaib Saleem	porithms 1	L U N C H	Database Systems 1 Aliza Saced	
Thursday	Database Systems 1 Aliza Saced	Operating Systems - Lab Muhammad Yousaf	1			
Friday			Theory of Automata 1 Numan Shafi			

CS-7A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Software Engineering 1 Awais Azam	Data Mining 1 Dr. Rabia Maqsood	Data Science 1 Adeel Ashraf Cheema			
Tuesday	Professional Practices in IT 1 Rizwan ul Haq	Data Science 1 Adeel Ashraf Cheema				Professional Practices in IT 1 Rizwan ul Haq
Wednesday		Data Mining 1 Dr. Rabia Maqsood	Artificial Intelligence 1 Dr. Shahnawaz Qureshi	L U N C H	Information Security 1 Dr. Danish Shehzad	Software Engineering 1 Awais Azam
Thursday	Artificial Intelligence 1 Dr. Shahnawaz Qureshi		Artificial Intelligence - Lab 1 Saba Aslam		Artificial Intelligence - Lab 1 Saba Aslam	
Friday					Information Security 1 Dr. Danish Shehzad	

CS-7B

Day/Period	ī	п	ш	1:15-1:45	IV	v
Monday	Information Security 1 Dr. Danish Shehzad					
Tuesday		Data Science 1 Adeel Ashraf Cheema	Information Security 1 Dr. Danish Shehzad		Data Science 1 Adeel Ashraf Cheema	
Wednesday				L U N C H		Software Engineering 1 Awais Azam
Thursday					Data Mining 1 Nasreen Akhtar	
Friday	Software Engineering 1 Awais Azam	Professional Practices in IT 1 Masood Habib	Data Mining 1 Nasreen Akhtar			Professional Practices in IT 1 Masood Habib

CS-7C

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday		Professional Practices in IT 1 Masood Habib	Information Security 1 Dr. Irfan ul Haq			Applied Machine Learning 1 Dr. Hashim Yasin
Tuesday		Professional Practices in IT 1 Masood Habib				
Wednesday				L U N C H	Applied Machine Learning 1 Dr. Hashim Yasin	Information Security 1 Dr. Irfan ul Haq
Thursday	Software for Mobile Devices - Lab Tahir Farooq					
Friday						

CS-7D

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Applied Machine Learning 1 Dr. Hashim Yasin				
Tuesday			Software for Mobile Devices - Lab 1 Tahir Farooq		Software for Mobile Devices - Lab 1 Tahir Farooq	Professional Practices in IT 1 Tehreem Aslam
Wednesday				L U N C H	Professional Practices in IT 1 Tehreem Aslam	
Thursday						Applied Machine Learning 1 Dr. Hashim Yasin
Friday					Information Security Dr. Muhammad Umar Aftal	1

CS-7E

Day/Period	ī	п	ш	1:15-1:45	IV	v
Monday	Information Security 1 Dr. Muhammad Umar Aftab					
Tuesday					Professional Practices in IT 1 Tehreem Aslam	
Wednesday	Professional Practices in IT 1 Tehreem Aslam			L U N C H		
Thursday	Software Testing 1 Dr. Uzair Iqbal				Fundamentals of Software Project Management 1 Dr. Muhammad Bilal	
Friday		Software Testing 1 Dr. Uzair Iqbal			Information Security 1 Dr. Muhammad Umar Aftab	Fundamentals of Software Project Management 1 Dr. Muhammad Bilal

CS-7F

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday			Remote Sensing and GIS 1 Dr M. Shahzad Sarfraz			
Tuesday						
Wednesday				L U N C H	Remote Sensing and GIS 1 Dr M. Shahzad Sarfraz	
Thursday		Software Testing 1 Dr. Uzair Iqbal				
Friday			Software Testing 1 Dr. Uzair Iqbal			

CS-9A

Day/Period	I	II	ш	1:15-1:45	IV	v
Monday	Computer Architecture 1 Muhammad Usman Joyia				Computer Architecture 1 Muhammad Usman Joyia	
Tuesday	Software for Mobile Devices No-Teacher	s - Lab				
Wednesday				L U N C H		
Thursday						
Friday						

SE-1A

Day/Period	ī	п	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension - Lab 1 Muhammad Ammar	English Composition and Comprehension - Lab 1 Muhammad Ammar English Composition and Comprehension 1 Farah Iqbal	English Composition and Comprehension - Lab 1 Ehtasham-Ul-Haq		English Composition and Comprehension - Lab 1 Ehtasham-Ul-Haq	English Composition and Comprehension 1 Farah Iqbal
Tuesday	Pakistan Studies 1 Asma Yaqoob	Applied Physics 1 Waheed Ahmad	English Composition and Comprehension 1 Sadia Ashfaq		Pakistan Studies 1 Asma Yaqoob	Programming Fundamentals 1 Sumaira Mustafa
Wednesday	Programming Fundamentals - Lab Sumaira Mustafa		Programming Fundamentals 1 Sumaira Mustafa	L U N C H		
Thursday	Introduction to Information and Communication Technology - Lab 1 Umar Naseer				Calculus and Analytical G Bushra Niaz	eometry 1
Friday	English Composition and Comprehension 1 Sadia Ashfaq		Applied Physics 1 Waheed Ahmad			

SE-1B

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	English Composition and Comprehension 1 Rida Akram	Introduction to Information Technology - Lab Muhammad Haseeb Arshad	1			
Tuesday	Pakistan Studies 1 Zainab Javeed	English Composition and Comprehension 1 Muhammad Iqbal			Programming Fundamenta Aliza Saeed	lls - Lab 1
Wednesday		English Composition and C	Comprehension - Lab 1	L U N C H	Calculus and Analytical Geometry 1 Bushra Ni az	Programming Fundamentals 1 Aliza Saeed
Thursday	English Composition and Comprehension - Lab 1 Farah Iqbal English Composition and Comprehension 1 Muhammad Iqbal	English Composition and Comprehension - Lab 1 Farah Iqbal			Pakistan Studies 1 Zainab Javeed	English Composition and Comprehension 1 Rida Akram
Friday	Programming Fundamentals 1 Aliza Saeed	Applied Physics 1 Dr. Arslan Ahmed Amin	Calculus and Analytical Geometry 1 Bushra Niaz		Applied Physics 1 Dr. Arslan Ahmed Amin	

SE-3A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday		Software Requirement Engi Pariwish Touseef	ineering 1			Human Computer Interaction 1 Dr. Shahnawaz Qureshi
Tuesday	Linear Algebra 1 Ghilmana Sarmad				Data Structures - Lab Aqsa Younas	1
Wednesday			Object Oriented Programming - Lab 1 Muhammad Yousaf Data Structures 1 Muhammad Usman Joyia	L U N C H	Object Oriented Programming - Lab 1 Muhammad Yousaf	Linear Algebra 1 Ghilmana Sarmad
Thursday	Marketing Management 1 Hafiz M.Zeeshan Raza	Object Oriented Programming 1 Dr Usman Habib	Data Structures 1 Muhammad Usman Joyia			
Friday		Human Computer Interaction 1 Dr. Shahnawaz Qureshi			Object Oriented Programming 1 Dr Usman Habib	Marketing Management 1 Hafiz M.Zeeshan Raza

SE-3B

Day/Period	I	11	ш	1:15-1:45	IV	v
Monday	Linear Algebra 1 Ghilmana Sarmad	Data Structures - Lab Asif Ameer	1			
Tuesday	Data Structures 1 Asif Ameer	Software Requirement Engineering 1 Pariwish Touseef			Human Computer Interaction 1 Dr. Shahnawaz Qureshi	
Wednesday		Finance & Accounting 1 Muhammad Nasif	Data Structures 1 Asif Ameer	L U N C H		
Thursday	Finance & Accounting 1 Muhammad Nasif				Linear Algebra 1 Ghilmana Sarmad	
Friday						Human Computer Interaction 1 Dr. Shahnawaz Qureshi

SE-5A

Day/Period	I	п	ш	1:15-1:45	IV	v
Monday	Database Systems - Lab Nasreen Akhtar	1	Software Quality Engineering 1 Tehreem Aslam		Software Construction and Muhammad Azeem Iftikha	1
Tuesday	Operating Systems 1 Muhammad Husnain		Technical and Business Writing 1 Muhammad Nouman Iftikhar		Database Systems 1 Nasreen Akhtar	Operating Systems 1 Muhammad Husnain
Wednesday	Software Construction and Development 1 Dr. Affan Rauf	Operating Systems - Lab 1 Muhammad Yousaf	Operating Systems - Lab 1 Muhammad Yousaf Operation Research 1 Dr. Muhammad Imran Babar	L U N C H	Operation Research 1 Dr. Muhammad Imran Babar	Probability and Statistics 1 Haris Khurram
Thursday					Probability and Statistics 1 Haris Khurram	
Friday		Database Systems 1 Nasreen Akhtar	Software Construction and Development 1 Dr. Affan Rauf		Technical and Business Writing 1 Muhammad Nouman Iftikhar	Software Quality Engineering 1 Tehreem Aslam

SE-5B

Day/Peri od	I	п	ш	1:15-1:45	IV	v
Monday		Software Construction and Development 1 Dr. Affan Rauf	Technical and Business Writing 1 Muhammad Nouman Iftikhar		Software Quality Engineer Abdul Qadeer Bilal	ing 1
Tuesday		Probability and Statistics 1 Haris Khurram				Operation Research 1 Dr. Muhammad Imran Babar
Wednesday			Operation Research 1 Dr. Muhammad Imran Babar	L U N C H		Software Construction and Development 1 Dr. Affan Rauf
Thursday					Software Construction and Muhammad Azeem Iftikha	1
Friday	Technical and Business Writing 1 Muhammad Nouman Iftikhar				Probability and Statistics 1 Haris Khurram	