Fill in the table below, identifying the blood vessels and predicting their function based on their location in the body. The first one has been done for you. Be careful to follow the example closely.

Organ	Artery	Function	Vein	Function
Head	carotíd	1) type of blood:	jugular	1) type of blood:
		oxygenated		deoxygen.
		2) from: heart		2) from: head
		3) to: head		3) to: heart
Arms	BRACHIAL	1) type of blood: Oxygenated	BRACHIAL	1) type of blood: <u>deoxyg</u> .
		2) from: heart		2) from: arms
		3) to: arms		3) to: heart
Kidney	RENAL	1) type of blood: Oxygenated	RENAL	1) type of blood: deoxyg
		2) from: heart		2) from: kidney
		3) to: kidney		3) to: heart
Legs	ILIAC	1) type of blood: <i>Oxygenated</i>	ILIAC	1) type of blood: deoxyg
		2) from: heart		2) from: Legs
		3) to: legs		3) to: heart
Intestines	MESENTERIC	1) type of blood: Oxygenated	HEPATIC	1) type of blood: deoxyg
		2) from: heart	PORTAL !!	2) from: intestines
		3) to: intestines		3) to: LIVER!!
Lungs	PULMONARY	1) type of blood: deoxyg	PULMONARY	1) type of blood:
		2) from: heart		Oxygenated
		3) to: lungs		2) from: lungs
				3) to: heart

Based on the table above and the diagram you previously labelled, predict the path of blood in the systemic circuit, from the heart to the kidney and back. Include the words "arterioles", "venules", and "capillaries" where appropriate.

Left ventricle AORTA – RENAL ARTERY

Kidneys <u>RENAL ARTERIOLES – RENAL CAPILLARIES – RENAL VENULES – RENAL VEIN - INFERIOR VENA CAVA</u> Right atrium.